

Converting Colors

XYZ(53.6071, 60.9442, 99.2998)

Have a look what the booklet for
XYZ(53.6071, 60.9442, 99.2998)
contains.

XYZ(53.6272, 60.9747, 99.3853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6272, 60.9747,
99.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	96D5FA
RGB	150, 213, 250
RGB Percent	59%, 84%, 98%
CMY	0.4117, 0.1647, 0.0196
CMYK	0.40, 0.15, 0.00, 0.02
HSL	202°, 91%, 78%
HSV	202°, 40%, 98%
XYZ	53.6272, 60.9747, 99.3853
YIQ	198.3810, -49.4250, -1.8490

Conversions

Conversions Part 2

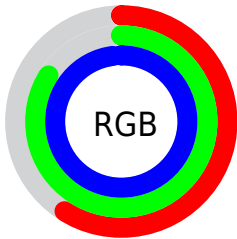
Format	Color
R_{YB}	150, 189, 250
Decimal	9885178
CIE _{Lab}	82.37, -10.83, -24.41
CIE _{LCh}	82, 26.705, 246.082
Yxy	60.9747, 0.2506, 0.2849
Android (android.graphics.Color)	4288075258 (0xFF96D5FA)
YUV	198.3810, 25.4482, -42.4301
Hunter-Lab	78.0863, -14.0629, -20.8017

Details

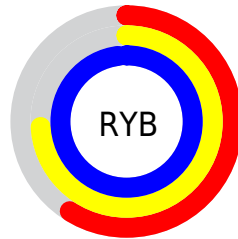
The XYZ color **53.6272, 60.9747, 99.3853** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.7008, 58.0676, 36.7593**, and the grayscale version is **53.7814, 56.5822, 61.6180**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.4686, 30.6837, 54.9796** is the 20% darker color. If you saturate the color by 10%, you get **47.2480, 54.3314, 98.4403**, and if you desaturate by 10%, it is **61.1243, 68.3940, 100.4233**.

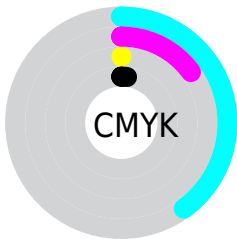
Distribution



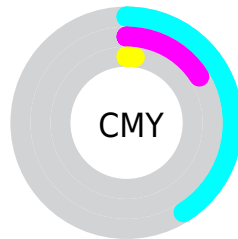
- Red (59%)
- Green (84%)
- Blue (98%)



- Red (59%)
- Yellow (74%)
- Blue (98%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6272, 60.9747, 99.3853 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.6272, 60.9747, 99.3853 by changing the saturation by 10% instead.

■ 53.6272, 60.9747,
99.3853

■ 53.6272, 60.9747,
99.3853

390.9084,
428.1812, 579.4499

■ 38.5332, 44.2047,
75.1733

■ 94.6868, 106.2423,
162.3567

■ 26.5759, 30.8315,
55.2523

■ 121.3830,
135.5087, 201.9531

■ 17.3899, 20.4706,
39.2038

152.6774,
169.7095, 247.5147

■ 10.6099, 12.7376,
26.6092

188.9352,
209.2289, 299.4601

■ 5.8705, 7.2481,
17.0501

230.5219,
254.4514, 358.2078

■ 2.8064, 3.6177,
10.1079

277.8027,

■ 1.0522, 1.4621,

305.7613, 424.1763

5.3640

331.1431,
363.5432, 497.7842

■ 0.0000, 0.2618,
2.3999

■ 0.0000, 0.0000,
0.7864

■ 53.6272, 60.9747,
99.3853

■ 53.6272, 60.9747,
99.3853

■ 47.2480, 54.3314,
98.4403

■ 61.1243, 68.3940,
100.4233

■ 41.9157, 48.4203,
97.5804

■ 69.7930, 76.6160,
101.5534

■ 37.5598, 43.2029,
96.8029

■ 79.6904, 85.6748,
102.7803

■ 34.0974, 38.6331,
96.1034

■ 90.8678, 95.5998,
104.1069

■ 31.4305, 34.6569,
95.4764

■ 94.2555, 99.6822,
104.7163

■ 29.3983, 31.1877,
94.9139

■ 29.3981, 31.1873,
94.9139

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.5472, 60.9747, 86.6278



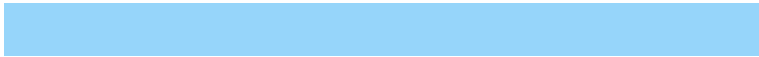
53.6272, 60.9747, 99.3853



59.1226, 60.9747, 102.7152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6272, 60.9747, 99.3853



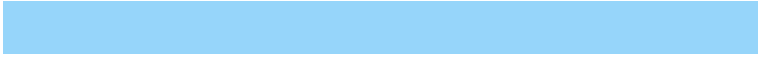
69.5402, 60.9747, 63.1233



51.7414, 60.9747, 44.1333

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.6272, 60.9747, 99.3853



62.7008, 58.0676, 36.7593

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.8021, 60.9747, 39.8331



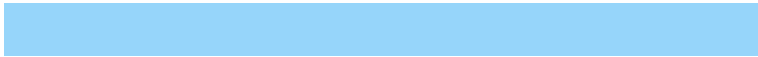
53.6272, 60.9747, 99.3853



67.2631, 60.9747, 49.5803

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6272, 60.9747, 99.3853



68.5526, 60.9747, 79.9355



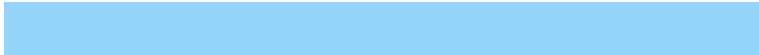
62.5088, 60.9747, 41.6504



48.5094, 60.9747, 54.4702

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6272, 60.9747, 99.3853



62.9038, 60.9747, 98.7317



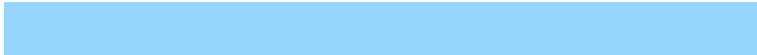
62.5088, 60.9747, 41.6504



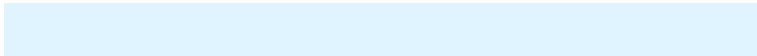
53.2721, 60.9747, 42.0183

Sweetspot

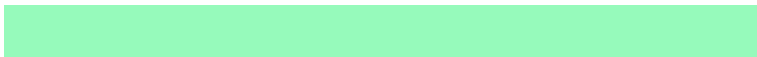
The Sweet Spot groups the original color and five complimentary colors.



53.6291, 60.9770, 99.3867



81.1686, 87.6393, 107.2458



55.6987, 78.4301, 59.0314



17.0751, 18.4874, 22.9184



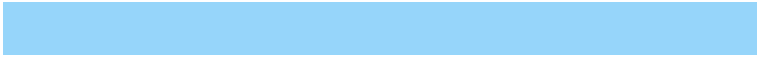
0.0000, 0.0000, 0.0000



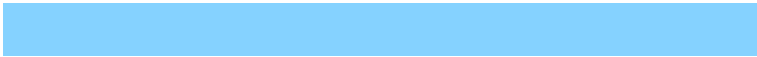
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6291, 60.9770, 99.3867



50.6359, 58.1261, 103.1584



42.9910, 39.7008, 95.8407



17.1945, 18.4658, 22.0433



15.7358, 16.8272, 50.3922



1.5588, 1.7612, 4.7010

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.3425, 46.9425, 68.7283



61.1701, 42.5646, 65.7779



75.1184, 82.9028, 40.8985



17.7047, 17.4092, 20.3007



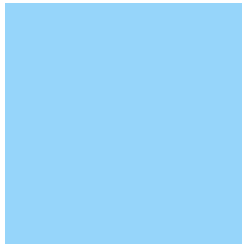
24.2347, 12.1096, 18.4763



2.2957, 1.1420, 1.9806

Previews

White Background



This preview shows how the XYZ color 53.6272, 60.9747, 99.3853 looks on a white background.

Color Contrast Check

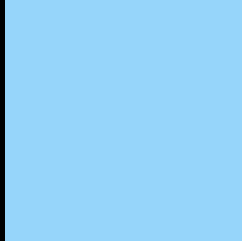
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.6272, 60.9747, 99.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6272, 60.9747, 99.3853

Background



This preview shows how black text looks on a background with the XYZ color 53.6272, 60.9747, 99.3853.

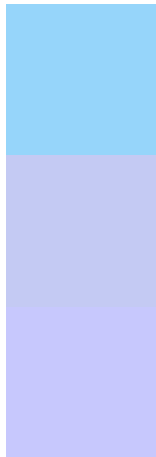


This preview shows how white text looks on a background with the XYZ color 53.6272, 60.9747,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.6272, 60.9747, 99.3853

Protanopia

60.0631, 60.4479, 93.2960

Deuteranopia

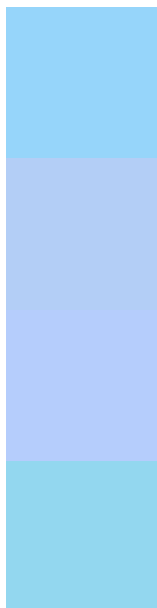
61.9371, 60.5425, 101.3499



Tritanopia

51.1179, 61.1059, 86.1912

Trichromacy



Original Color

53.6272, 60.9747, 99.3853

Protanomaly

57.2963, 60.3801, 95.8235

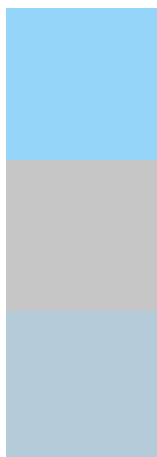
Deuteranomaly

58.4581, 60.5147, 100.6949

Tritanomaly

51.9130, 61.0359, 90.7064

Monochromacy



Original Color

53.6272, 60.9747, 99.3853

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9364, 57.5454, 73.9630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6272, 60.9747, 99.3853 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 213, 250)` looks like.

```
.text, #text, p{  
    color:rgb(150, 213, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 213, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 213, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.6272, 60.9747, 99.3853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 213, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 213, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 213, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 213, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 213, 250);  
box-shadow:4px 4px 4px 4px rgb(150, 213,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6272, 60.9747, 99.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 213, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
213, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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