

Converting Colors

XYZ(53.5973, 60.1584,
101.7078)

Have a look what the booklet for
XYZ(53.5973, 60.1584, 101.7078)
contains.

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Color

**XYZ(53.6016, 60.1644,
101.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	96D3FD
RGB	150, 211, 253
RGB Percent	59%, 83%, 99%
CMY	0.4117, 0.1725, 0.0078
CMYK	0.41, 0.17, 0.00, 0.01
HSL	204°, 96%, 79%
HSV	204°, 41%, 99%
XYZ	53.6016, 60.1644, 101.7163
YIQ	197.5490, -49.8380, 0.1300

Conversions

Conversions Part 2

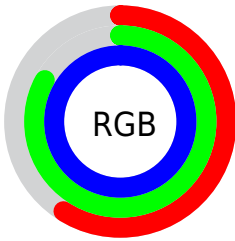
Format	Color
RYB	150, 188, 253
Decimal	9884669
CIELab	81.93, -9.01, -26.67
CIELCh	82, 28.151, 251.342
Yxy	60.1644, 0.2488, 0.2792
Android (android.graphics.Color)	4288074749 (0xFF96D3FD)
YUV	197.5490, 27.3373, -41.7005
Hunter-Lab	77.5657, -12.3880, -23.4543

Details

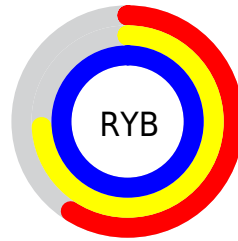
The XYZ color **53.6016, 60.1644, 101.7163** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.8641, 60.7855, 37.1703**, and the grayscale version is **53.2658, 56.0398, 61.0273**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.6369, 30.4791, 56.7037** is the 20% darker color. If you saturate the color by 10%, you get **46.9580, 53.0573, 100.6957**, and if you desaturate by 10%, it is **61.4185, 68.1232, 102.8416**.

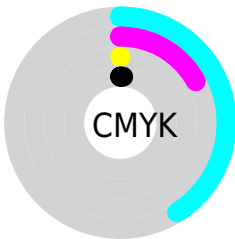
Distribution



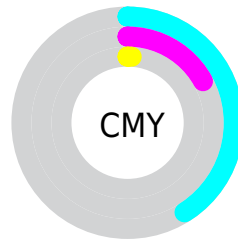
- Red (59%)
- Green (83%)
- Blue (99%)



- Red (59%)
- Yellow (74%)
- Blue (99%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (41%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6016, 60.1644, 101.7163 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 53.6016, 60.1644, 101.7163 by changing the saturation by 10% instead.

■ 53.6016, 60.1644,
101.7163

■ 53.6016, 60.1644,
101.7163

390.8121,
425.2035, 586.9750

■ 38.5126, 43.5512,
77.1098

■ 94.6494, 105.0681,
165.5862

■ 26.5598, 30.3178,
56.8309

■ 121.3389,
134.1274, 205.6867

■ 17.3778, 20.0799,
40.4610

152.6259,
168.1041, 251.7889

■ 10.6012, 12.4532,
27.5817

188.8759,
207.3827, 304.3114

■ 5.8646, 7.0531,
17.7743

230.4542,
252.3475, 363.6727

■ 2.8028, 3.4953,
10.6203

277.7261,

■ 1.0504, 1.3955,

303.3830, 430.2914

5.7012

331.0569,
360.8735, 504.5860

■ 0.0000, 0.2134,
2.5984

■ 0.0000, 0.0000,
0.8916

■ 53.6016, 60.1644,
101.7163

■ 53.6016, 60.1644,
101.7163

■ 46.9580, 53.0573,
100.6957

■ 61.4185, 68.1232,
102.8416

■ 41.4136, 46.7552,
99.7715

■ 70.4655, 76.9634,
104.0711

■ 36.8942, 41.2164,
98.9406

■ 80.8022, 86.7214,
105.4098

■ 33.3127, 36.3914,
98.1981

■ 92.4824, 97.4292,
106.8610

■ 30.5656, 32.2217,
97.5380

94.7298, 99.8719,
107.2140

■ 28.6103, 28.8529,
96.9908

Harmonies

Analogous

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



49.0174, 60.1644, 89.6244



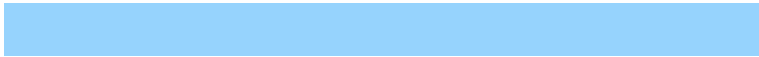
53.6016, 60.1644, 101.7163



59.4641, 60.1644, 103.1745

Triad

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



53.6016, 60.1644, 101.7163



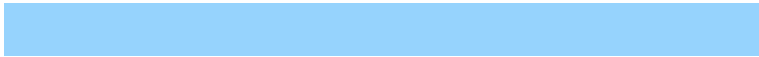
69.1520, 60.1644, 59.2739



49.9549, 60.1644, 43.8587

Complementary

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



53.6016, 60.1644, 101.7163



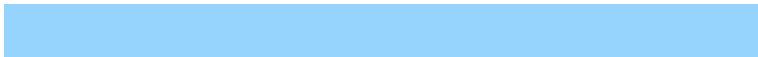
64.8641, 60.7855, 37.1703

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.



54.9638, 60.1644, 38.3473



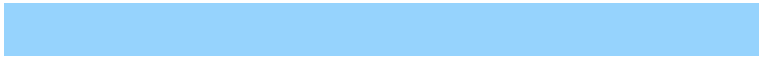
53.6016, 60.1644, 101.7163



66.2118, 60.1644, 46.1608

Square

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



53.6016, 60.1644, 101.7163



68.7239, 60.1644, 76.5611



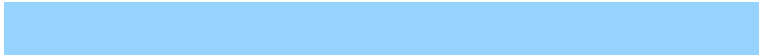
60.9235, 60.1644, 39.1096



47.0149, 60.1644, 55.5749

Rectangle

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



53.6016, 60.1644, 101.7163



63.3444, 60.1644, 97.6692



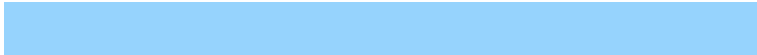
60.9235, 60.1644, 39.1096



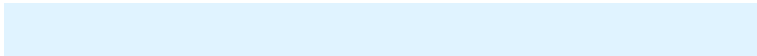
51.4374, 60.1644, 41.3190

Sweetspot

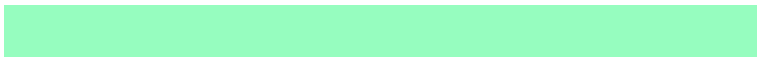
The Sweet Spot groups the original color and five complimentary colors.



53.6035, 60.1667, 101.7177



80.8225, 86.9471, 107.1304



57.1306, 80.5064, 61.9359



16.9935, 18.3242, 22.8912



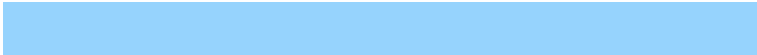
0.0000, 0.0000, 0.0000



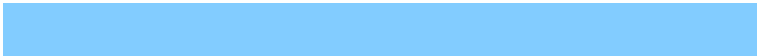
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6035, 60.1667, 101.7177



48.8685, 55.1795, 102.6828



42.9320, 38.8237, 98.1606



17.8974, 19.1664, 23.0061



15.3664, 15.6423, 51.6440



1.6036, 1.7380, 5.0642

Inverse Universe

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



63.1739, 47.4004, 67.4499



60.1344, 41.6006, 62.0188



77.9753, 87.0078, 41.5406



18.4609, 18.1677, 21.0440



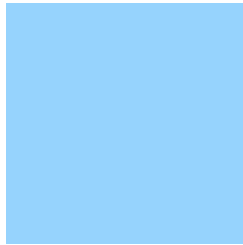
24.5444, 12.3071, 16.7833



2.4440, 1.2200, 1.9198

Previews

White Background



This preview shows how the XYZ color 53.6016, 60.1644, 101.7163 looks on a white background.

Color Contrast Check

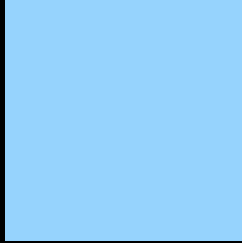
Large Text (above 18pt) WCAG AA × Fail

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 53.6016, 60.1644, 101.7163 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

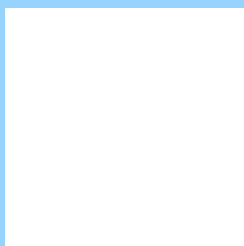
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6016, 60.1644, 101.7163

Background



This preview shows how black text looks on a background with the XYZ color 53.6016, 60.1644, 101.7163.



This preview shows how white text looks on a background with the XYZ color 53.6016, 60.1644,

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

53.6016, 60.1644, 101.7163

Protanopia

59.5135, 59.7646, 95.5878

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

50.3675, 60.3564, 85.3392

Trichromacy



Original Color

53.6016, 60.1644, 101.7163

Protanomaly

57.0617, 59.8493, 98.1671

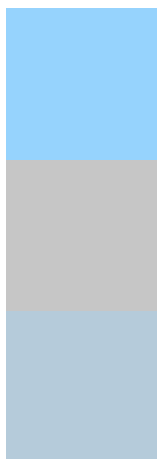
Deuteranomaly

57.8357, 59.4513, 102.1929

Tritanomaly

51.6288, 60.4954, 91.3937

Monochromacy



Original Color

53.6016, 60.1644, 101.7163

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0669, 57.5976, 74.6502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6016, 60.1644, 101.7163 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, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(150, 211, 253)  
}
```

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, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 211, 253) }
```

Border

The CSS property to change the border of an element to XYZ 53.6016, 60.1644, 101.7163 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, 211, 253) }
```


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

```
.border{ border-color:rgb(150, 211, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 211, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 211, 253); box-shadow:4px 4px 4px 4px rgb(150, 211, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6016, 60.1644, 101.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 211, 253) }
```

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

```
.background{ background-color: rgb(150,  
211, 253) }
```

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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