

Converting Colors

XYZ(52.3668, 60.6400, 95.0559)

Have a look what the booklet for
XYZ(52.3668, 60.6400, 95.0559)
contains.

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Color

**XYZ(52.5606, 60.8888,
95.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	93D6F5
RGB	147, 214, 245
RGB Percent	58%, 84%, 96%
CMY	0.4235, 0.1608, 0.0392
CMYK	0.40, 0.13, 0.00, 0.04
HSL	199°, 83%, 77%
HSV	199°, 40%, 96%
XYZ	52.5606, 60.8888, 95.3687
YIQ	197.5010, -49.8830, -4.5630

Conversions

Conversions Part 2

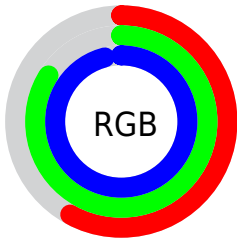
Format	Color
RYB	147, 187, 245
Decimal	9688821
CIELab	82.32, -13.39, -21.84
CIElCh	82, 25.617, 238.499
Yxy	60.8888, 0.2517, 0.2916
Android (android.graphics.Color)	4287878901 (0xFF93D6F5)
YUV	197.5010, 23.4170, -44.2894
Hunter-Lab	78.0313, -16.3200, -17.8415

Details

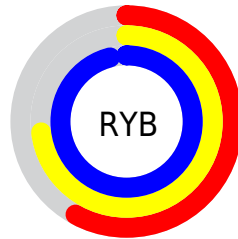
The XYZ color **52.5606, 60.8888, 95.3687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.8441, 53.3608, 34.8036**, and the grayscale version is **53.2597, 56.0334, 61.0204**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **25.8978, 30.6945, 52.7038** is the 20% darker color. If you saturate the color by 10%, you get **46.7118, 55.0322, 94.5476**, and if you desaturate by 10%, it is **59.4421, 67.4190, 96.2675**.

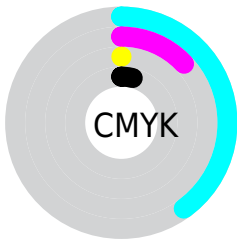
Distribution



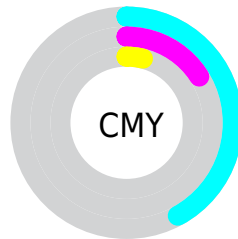
- Red (58%)
- Green (84%)
- Blue (96%)



- Red (58%)
- Yellow (73%)
- Blue (96%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5606, 60.8888, 95.3687 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 52.5606, 60.8888, 95.3687 by changing the saturation by 10% instead.

■ 52.5606, 60.8888,
95.3687

■ 52.5606, 60.8888,
95.3687

386.8855,
427.8662, 566.3591

■ 37.6782, 44.1354,
71.8433

■ 93.1268, 106.1179,
156.7738

■ 25.9091, 30.7770,
52.5446

■ 119.5413,
135.3624, 195.4907

■ 16.8880, 20.4291,
37.0541

150.5306,
169.5395, 240.1084

■ 10.2495, 12.7073,
24.9533

186.4600,
209.0334, 291.0455

■ 5.6282, 7.2273,
15.8236

227.6948,
254.2287, 348.7206

■ 2.6588, 3.6047,
9.2464

274.6004,

■ 0.9760, 1.4550,

305.5096, 413.5522

4.8032

327.5422,
363.2606, 485.9589

■ 0.0000, 0.2567,
2.0756

■ 0.0000, 0.0000,
0.6012

■ 52.5606, 60.8888,
95.3687

■ 52.5606, 60.8888,
95.3687

■ 46.7118, 55.0322,
94.5476

■ 59.4421, 67.4190,
96.2675

■ 41.8287, 49.8088,
93.7968

■ 67.4064, 74.6464,
97.2428

■ 37.8450, 45.1837,
93.1140

■ 76.5072, 82.6020,
98.2987

■ 34.6830, 41.1149,
92.4953

■ 86.7925, 91.3122,
99.4379

■ 32.2502, 37.5527,
91.9359

■ 92.7687, 97.9467,
100.4035

■ 30.3933, 34.4159,
91.4283

■ 93.4816, 99.3727,
100.6411

■ 30.3931, 34.4155,
91.4283

Harmonies

Analogous

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



49.1310, 60.8888, 81.6978



52.5606, 60.8888, 95.3687



57.5985, 60.8888, 101.1116

Triad

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



52.5606, 60.8888, 95.3687



69.0110, 60.8888, 67.0880



53.0084, 60.8888, 43.2357

Complementary

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



52.5606, 60.8888, 95.3687



58.8441, 53.3608, 34.8036

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.



58.1483, 60.8888, 40.5616



52.5606, 60.8888, 95.3687



67.5948, 60.8888, 52.9655

Square

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



52.5606, 60.8888, 95.3687



67.2904, 60.8888, 83.2754



63.5318, 60.8888, 43.8305



49.3779, 60.8888, 51.7999

Rectangle

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



52.5606, 60.8888, 95.3687



61.2672, 60.8888, 99.0813



63.5318, 60.8888, 43.8305



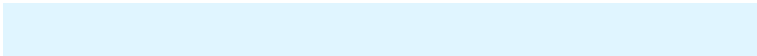
54.6065, 60.8888, 41.6837

Sweetspot

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



52.5625, 60.8912, 95.3701



81.6642, 88.6305, 107.4110



52.5626, 74.6596, 52.9242



17.1920, 18.7212, 22.9574



0.0000, 0.0000, 0.0000



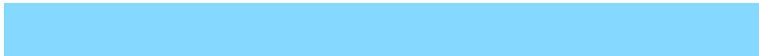
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5625, 60.8912, 95.3701



52.2884, 61.4313, 103.7093



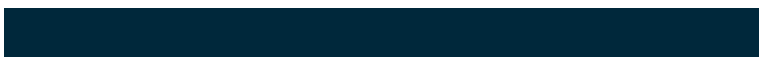
42.2611, 40.2884, 91.9363



16.5289, 17.8220, 21.1114



16.5030, 18.7999, 49.2970



1.5425, 1.8364, 4.3634

Inverse Universe

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



60.2291, 45.1366, 69.1587



62.0043, 42.8983, 70.1704



69.9574, 75.5874, 38.5081



16.9775, 16.6739, 19.6282



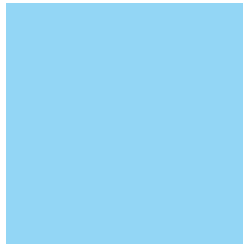
24.1345, 11.9972, 21.2144



2.1676, 1.0730, 2.1091

Previews

White Background



This preview shows how the XYZ color 52.5606, 60.8888, 95.3687 looks on a white background.

Color Contrast Check

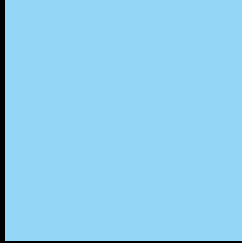
Large Text (above 18pt) WCAG AA × Fail

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 52.5606, 60.8888, 95.3687 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 52.5606, 60.8888, 95.3687

Background



This preview shows how black text looks on a background with the XYZ color 52.5606, 60.8888, 95.3687.

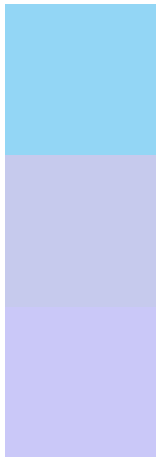


This preview shows how white text looks on a background with the XYZ color 52.5606, 60.8888,

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

52.5606, 60.8888, 95.3687

Protanopia

59.6953, 60.3613, 88.6254

Deuteranopia

61.9547, 60.6424, 97.2467



Tritanopia

50.7654, 60.9242, 86.1747

Trichromacy



Original Color

52.5606, 60.8888, 95.3687

Protanomaly

56.3899, 60.0176, 91.0506

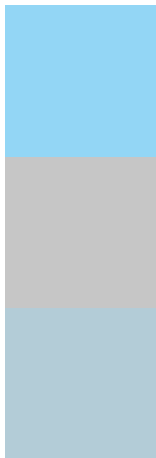
Deuteranomaly

57.9112, 60.3231, 96.5870

Tritanomaly

51.2636, 60.7350, 89.1419

Monochromacy



Original Color

52.5606, 60.8888, 95.3687

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.4490, 57.6757, 72.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5606, 60.8888, 95.3687 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(147, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 245)  
}
```

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(147, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 52.5606, 60.8888, 95.3687 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(147, 214, 245) }
```


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

```
.border{ border-color:rgb(147, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5606, 60.8888, 95.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 245) }
```

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

```
.background{ background-color: rgb(147,  
214, 245) }
```

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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