

Converting Colors

XYZ(53.6025, 63.2800, 98.1960)

Have a look what the booklet for
XYZ(53.6025, 63.2800, 98.1960)
contains.

XYZ(53.6025, 63.2800, 98.1960)	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(53.6025, 63.2800,
98.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDBF8
RGB	143, 219, 248
RGB Percent	56%, 86%, 97%
CMY	0.4392, 0.1412, 0.0274
CMYK	0.42, 0.12, 0.00, 0.03
HSL	197°, 88%, 77%
HSV	197°, 42%, 97%
XYZ	53.6025, 63.2800, 98.1960
YIQ	199.5820, -54.6050, -7.0930

Conversions

Conversions Part 2

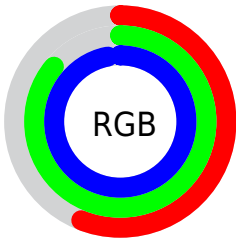
Format	Color
RYB	143, 187, 248
Decimal	9427960
CIELab	83.59, -16.17, -21.52
CIELCh	84, 26.920, 233.088
Yxy	63.2800, 0.2492, 0.2942
Android (android.graphics.Color)	4287618040 (0xFF8FDBF8)
YUV	199.5820, 23.8701, -49.6224
Hunter-Lab	79.5487, -18.9312, -17.5043

Details

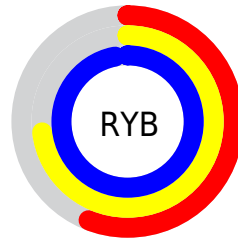
The XYZ color **53.6025, 63.2800, 98.1960** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.4231, 51.4460, 32.8393**, and the grayscale version is **54.5266, 57.3662, 62.4718**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **26.6276, 32.3351, 54.7070** is the 20% darker color. If you saturate the color by 10%, you get **48.0246, 57.8075, 97.4348**, and if you desaturate by 10%, it is **60.2068, 69.3936, 99.0291**.

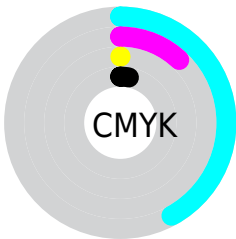
Distribution



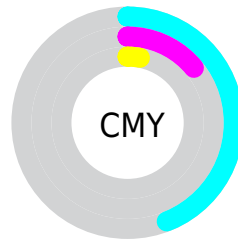
- Red (56%)
- Green (86%)
- Blue (97%)



- Red (56%)
- Yellow (73%)
- Blue (97%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6025, 63.2800, 98.1960 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 53.6025, 63.2800, 98.1960 by changing the saturation by 10% instead.

■ 53.6025, 63.2800,
98.1960

■ 53.6025, 63.2800,
98.1960

■ 390.8155,
436.5850, 575.5905

■ 38.5134, 46.0678,
74.1863

■ 94.6507, 109.5734,
160.7060

■ 26.5604, 32.2993,
54.4488

■ 121.3404,
139.4233, 200.0435

■ 17.3782, 21.5902,
38.5650

■ 152.6277,
174.2546, 245.3273

■ 10.6015, 13.5561,
26.1163

■ 188.8780,
214.4516, 296.9760

■ 5.8648, 7.8126,
16.6841

■ 230.4566,
260.3987, 355.4081

■ 2.8030, 3.9753,
9.8499

■ 277.7288,

■ 1.0504, 1.6597,

312.4804, 421.0422

5.1953

331.0600,
371.0810, 494.2968

0.0000, 0.3974,
2.3016

0.0000, 0.0000,
0.7321

53.6025, 63.2800,
98.1960

53.6025, 63.2800,
98.1960

48.0246, 57.8075,
97.4348

60.2068, 69.3936,
99.0291

43.4032, 52.9346,
96.7378

67.8899, 76.1723,
99.9326

39.6682, 48.6252,
96.1029

76.7075, 83.6476,
100.9107

36.7372, 44.8354,
95.5259

86.7097, 91.8465,
101.9661

■ 34.5104, 41.5125,
95.0018

■ 93.3877, 98.4458,
102.8879

■ 33.1658, 39.2221,
94.6306

■ 93.9435, 99.5574,
103.0732

Harmonies

Analogous

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



50.3255, 63.2800, 82.4065



53.6025, 63.2800, 98.1960



58.7942, 63.2800, 106.3393

Triad

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



53.6025, 63.2800, 98.1960



72.0929, 63.2800, 72.8753



55.8167, 63.2800, 43.1827

Complementary

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



53.6025, 63.2800, 98.1960



58.4231, 51.4460, 32.8393

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.



61.5178, 63.2800, 41.4773



53.6025, 63.2800, 98.1960



71.1670, 63.2800, 56.9584

Square

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



53.6025, 63.2800, 98.1960



69.6544, 63.2800, 90.2546



67.2009, 63.2800, 46.1024



51.5444, 63.2800, 51.2131

Rectangle

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



53.6025, 63.2800, 98.1960



62.7446, 63.2800, 105.5317



67.2009, 63.2800, 46.1024



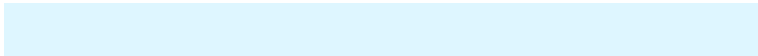
57.6196, 63.2800, 41.9110

Sweetspot

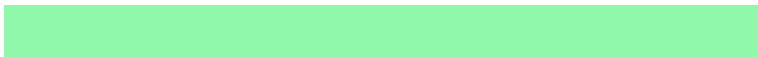
The Sweet Spot groups the original color and five complimentary colors.



53.6045, 63.2824, 98.1975



81.0368, 88.5430, 107.4272



52.2474, 75.9161, 50.4295



16.8820, 18.5636, 22.9433



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.



53.6045, 63.2824, 98.1975



51.8534, 62.2827, 103.8965



42.1832, 40.4399, 94.3904



17.3368, 18.7504, 22.0907



18.0396, 21.4348, 51.1601



1.7595, 2.1627, 4.7679

Inverse Universe

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



61.3217, 44.7177, 72.4198



61.3644, 41.0334, 71.7613



70.1922, 74.9841, 36.7623



17.7765, 17.4380, 20.6790



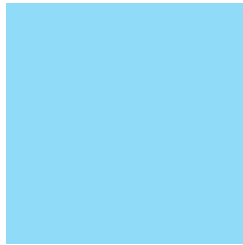
25.3976, 12.5748, 24.5999



2.3971, 1.1826, 2.5143

Previews

White Background



This preview shows how the XYZ color 53.6025, 63.2800, 98.1960 looks on a white background.

Color Contrast Check

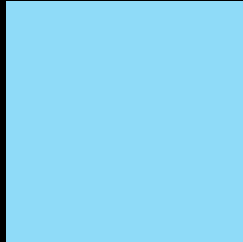
Large Text (above 18pt) WCAG AA × Fail

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 53.6025, 63.2800, 98.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

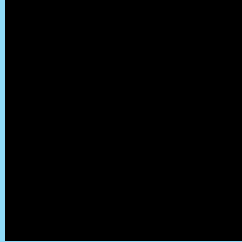
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6025, 63.2800, 98.1960

Background



This preview shows how black text looks on a background with the XYZ color 53.6025, 63.2800, 98.1960.

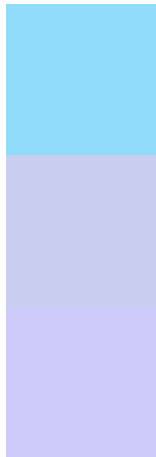


This preview shows how white text looks on a background with the XYZ color 53.6025, 63.2800,

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

53.6025, 63.2800, 98.1960

Protanopia

61.7387, 62.7921, 90.5275

Deuteranopia

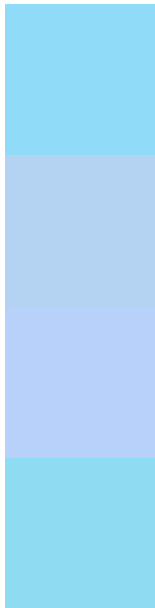
64.2221, 62.7987, 100.0033



Tritanopia

52.1043, 63.4614, 90.3920

Trichromacy



Original Color

53.6025, 63.2800, 98.1960

Protanomaly

58.1437, 62.7026, 93.0427

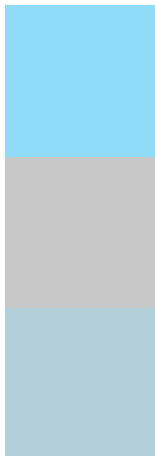
Deuteranomaly

59.5842, 62.5703, 99.3793

Tritanomaly

52.6047, 63.2599, 93.4422

Monochromacy



Original Color

53.6025, 63.2800, 98.1960

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.4276, 59.2191, 74.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6025, 63.2800, 98.1960 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(143, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(143, 219, 248)  
}
```

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(143, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 219, 248) }
```

Border

The CSS property to change the border of an element to XYZ 53.6025, 63.2800, 98.1960 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(143, 219, 248) }
```


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

```
.border{ border-color:rgb(143, 219, 248) }
```

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

Here you see how a box with a 4 pixel rgb(143, 219, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(143, 219,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6025, 63.2800, 98.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 219, 248) }
```

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

```
.background{ background-color: rgb(143,  
219, 248) }
```

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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