

Converting Colors

XYZ(26.8125, 31.3716, 55.0942)

Have a look what the booklet for
XYZ(26.8125, 31.3716, 55.0942)
contains.

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Color

**XYZ(26.8125, 31.3716,
55.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA0C1
RGB	94, 160, 193
RGB Percent	37%, 63%, 76%
CMY	0.6314, 0.3725, 0.2431
CMYK	0.51, 0.17, 0.00, 0.24
HSL	200°, 44%, 56%
HSV	200°, 51%, 76%
XYZ	26.8125, 31.3716, 55.0942
YIQ	144.0280, -49.9290, -3.7290

Conversions

Conversions Part 2

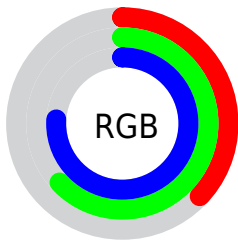
Format	Color
RYB	94, 134, 193
Decimal	6201537
CIELab	62.82, -11.82, -23.48
CIELCh	63, 26.283, 243.274
Yxy	31.3716, 0.2367, 0.2769
Android (android.graphics.Color)	4284391617 (0xFF5EA0C1)
YUV	144.0280, 24.1432, -43.8746
Hunter-Lab	56.0104, -12.5691, -19.1129

Details

The XYZ color **26.8125, 31.3716, 55.0942** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **31.6027, 27.3250, 14.1992**, and the grayscale version is **26.4417, 27.8187, 30.2946**.

A 20% lighter version of the original color is **54.1334, 61.9870, 99.5540**, and **10.7560, 13.1247, 26.3925** is the 20% darker color. If you saturate the color by 10%, you get **23.9890, 28.3036, 54.6514**, and if you desaturate by 10%, it is **30.1906, 34.8124, 55.5809**.

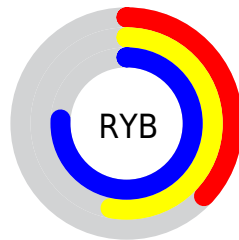
Distribution



Red (37%)

Green (63%)

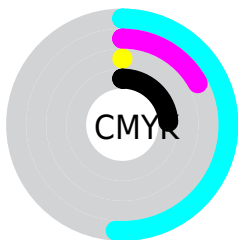
Blue (76%)



Red (37%)

Yellow (53%)

Blue (76%)

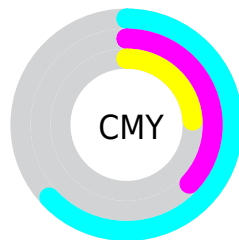


Cyan (51%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (63%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8125, 31.3716, 55.0942 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 26.8125, 31.3716, 55.0942 by changing the saturation by 10% instead.

■ 26.8125, 31.3716,
55.0942

■ 26.8125, 31.3716,
55.0942

278.9323,
308.2466, 423.5609

■ 17.5683, 20.8820,
39.0780

■ 54.0049, 61.8246,
99.1515

■ 10.7383, 13.0378,
26.5121

■ 72.6837, 82.5569,
128.0297

■ 5.9571, 7.4546,
16.9780

■ 95.2382, 107.4721,
162.0323

■ 2.8595, 3.7480,
10.0570

■ 122.0337,
136.9546, 201.5780

■ 1.0799, 1.5336,
5.3307

153.4355,
171.3890, 247.0851

■ 0.0082, 0.3122,
2.3804

189.8089,

■ 0.0000, 0.0000,

211.1595, 298.9723

0.7758

231.5194,
256.6506, 357.6580

■ 0.0000, 0.0000,
0.0000

■ 26.8125, 31.3716,
55.0942

■ 26.8125, 31.3716,
55.0942

■ 23.9890, 28.3036,
54.6514

■ 30.1906, 34.8124,
55.5809

■ 21.6784, 25.5839,
54.2482

■ 34.1547, 38.6417,
56.1111

■ 19.8381, 23.1896,
53.8831

■ 38.7375, 42.8780,
56.6872

■ 18.4159, 21.0926,
53.5533

■ 43.9681, 47.5377,
57.3109

■ 17.4325, 19.4638,
53.2907

■ 49.8738, 52.6359,
57.9837

■ 56.4804, 58.1871,
58.7070

■ 63.8119, 64.2050,
59.4822

■ 71.8915, 70.7024,
60.3105

■ 75.9116, 75.2020,
60.9671

Harmonies

Analogous

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



24.3981, 31.3716, 46.2265



26.8125, 31.3716, 55.0942



30.2147, 31.3716, 58.0119

Triad

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



26.8125, 31.3716, 55.0942



37.2742, 31.3716, 33.0391



26.1799, 31.3716, 20.1231

Complementary

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



26.8125, 31.3716, 55.0942



31.6027, 27.3250, 14.1992

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.



29.4243, 31.3716, 17.9461



26.8125, 31.3716, 55.0942



35.9859, 31.3716, 24.3977

Square

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



26.8125, 31.3716, 55.0942



36.4357, 31.3716, 43.8695



33.0396, 31.3716, 19.3383



24.0540, 31.3716, 25.9978

Rectangle

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



26.8125, 31.3716, 55.0942



32.6366, 31.3716, 55.7913



33.0396, 31.3716, 19.3383



27.1661, 31.3716, 18.9949

Sweetspot

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



26.8135, 31.3728, 55.0950



74.9125, 81.7580, 102.1929



27.4109, 42.0099, 26.1845



15.6444, 17.1595, 21.8729



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.8135, 31.3728, 55.0950



42.2075, 49.8318, 97.7542



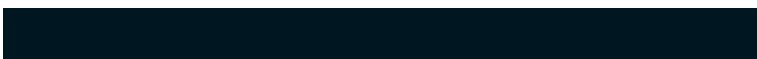
20.0533, 17.8524, 52.8416



10.0766, 10.8444, 12.8469



11.6705, 13.0974, 35.4696



0.5655, 0.6883, 1.5529

Inverse Universe

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



32.3410, 21.8818, 35.7781



53.6998, 32.5721, 57.0374



39.3142, 42.7480, 16.7697



10.3499, 10.1886, 11.9333



17.2867, 8.6044, 14.6876



0.7778, 0.3841, 0.7973

Previews

White Background



This preview shows how the XYZ color 26.8125, 31.3716, 55.0942 looks on a white background.

Color Contrast Check

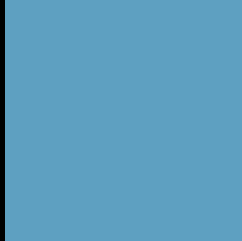
Large Text (above 18pt) WCAG AA × Fail

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 26.8125, 31.3716, 55.0942 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 26.8125, 31.3716, 55.0942

Background



This preview shows how black text looks on a background with the XYZ color 26.8125, 31.3716, 55.0942.

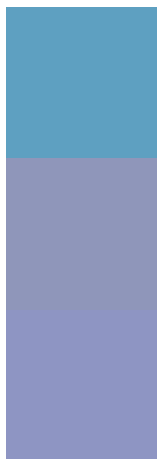


This preview shows how white text looks on a background with the XYZ color 26.8125, 31.3716,

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

26.8125, 31.3716, 55.0942

Protanopia

31.0970, 31.1975, 50.8371

Deuteranopia

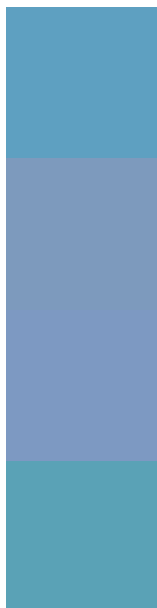
31.7531, 31.1858, 55.9757



Tritanopia

24.9582, 31.4037, 45.8204

Trichromacy



Original Color

26.8125, 31.3716, 55.0942

Protanomaly

29.1984, 31.1453, 52.6168

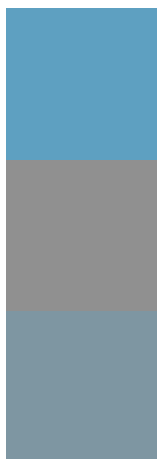
Deuteranomaly

29.5863, 31.0375, 55.4704

Tritanomaly

25.5803, 31.3917, 48.9670

Monochromacy



Original Color

26.8125, 31.3716, 55.0942

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0321, 28.8569, 38.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8125, 31.3716, 55.0942 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(94, 160, 193)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 193)  
}
```

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(94, 160, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.8125, 31.3716, 55.0942 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(94, 160, 193) }
```


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

```
.border{ border-color:rgb(94, 160, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 193);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8125, 31.3716, 55.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 193) }
```

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

```
.background{ background-color: rgb(94, 160,  
193) }
```

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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