

Converting Colors

XYZ(26.4764, 31.7172, 55.1786)

Have a look what the booklet for
XYZ(26.4764, 31.7172, 55.1786)
contains.

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Color

**XYZ(26.4764, 31.7172,
55.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	57A2C1
RGB	87, 162, 193
RGB Percent	34%, 64%, 76%
CMY	0.6588, 0.3647, 0.2431
CMYK	0.55, 0.16, 0.00, 0.24
HSL	198°, 46%, 55%
HSV	198°, 55%, 76%
XYZ	26.4764, 31.7172, 55.1786
YIQ	143.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

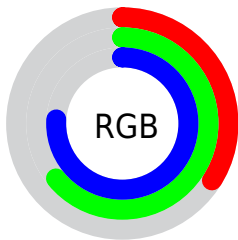
Format	Color
R _Y B	87, 131, 193
Decimal	5743297
CIE Lab	63.11, -14.44, -23.06
CIE LCh	63, 27.207, 237.946
Yxy	31.7172, 0.2335, 0.2798
Android (android.graphics.Color)	4283933377 (0xFF57A2C1)
YUV	143.1090, 24.5963, -49.2076
Hunter-Lab	56.3180, -14.6396, -18.6678

Details

The XYZ color **26.4764, 31.7172, 55.1786** 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 **30.1917, 24.9832, 12.2487**, and the grayscale version is **26.0734, 27.4312, 29.8726**.

A 20% lighter version of the original color is **53.5698, 62.4571, 99.6745**, and **10.4856, 13.1445, 26.4106** is the 20% darker color. If you saturate the color by 10%, you get **23.9378, 28.9661, 54.7820**, and if you desaturate by 10%, it is **29.5434, 34.8082, 55.6142**.

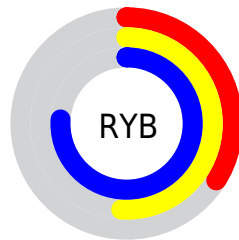
Distribution



Red (34%)

Green (64%)

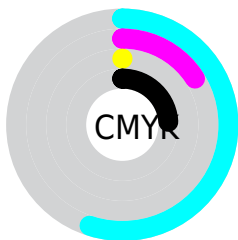
Blue (76%)



Red (34%)

Yellow (51%)

Blue (76%)

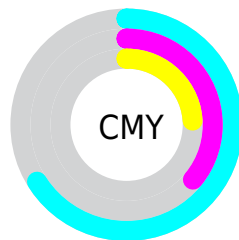


Cyan (55%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (66%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4764, 31.7172, 55.1786 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 26.4764, 31.7172, 55.1786 by changing the saturation by 10% instead.

■ 26.4764, 31.7172,
55.1786

■ 26.4764, 31.7172,
55.1786

277.3269,
309.8290, 423.8896

■ 17.3149, 21.1456,
39.1452

■ 53.4683, 62.3675,
99.2764

■ 10.5560, 13.2305,
26.5640

■ 72.0295, 83.2149,
128.1778

■ 5.8342, 7.5874,
17.0165

■ 94.4547, 108.2565,
162.2056

■ 2.7842, 3.8321,
10.0842

■ 121.1091,
137.8765, 201.7783

■ 1.0407, 1.5801,
5.3485

152.3582,
172.4593, 247.3146

■ 0.0000, 0.3441,
2.3908

188.5673,

■ 0.0000, 0.0000,

212.3894, 299.2328

0.7815

230.1017,
258.0512, 357.9517

■ 0.0000, 0.0000,
0.0000

■ 26.4764, 31.7172,
55.1786

■ 26.4764, 31.7172,
55.1786

■ 23.9378, 28.9661,
54.7820

■ 29.5434, 34.8082,
55.6142

■ 21.8845, 26.5299,
54.4200

■ 33.1712, 38.2548,
56.0882

■ 20.2715, 24.3853,
54.0910

■ 37.3931, 42.0757,
56.6032

■ 19.0429, 22.5024,
53.7923

■ 42.2390, 46.2869,
57.1606

■ 18.5088, 21.6165,
53.6495

■ 47.7364, 50.9035,
57.7620

■ 53.9114, 55.9397,
58.4086

■ 60.7883, 61.4089,
59.1018

■ 68.3905, 67.3239,
59.8429

■ 74.6099, 72.5985,
60.5332

Harmonies

Analogous

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



24.2104, 31.7172, 45.1533



26.4764, 31.7172, 55.1786



29.8883, 31.7172, 59.5785

Triad

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



26.4764, 31.7172, 55.1786



37.9480, 31.7172, 35.2807



26.8894, 31.7172, 19.3062

Complementary

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



26.4764, 31.7172, 55.1786



30.1917, 24.9832, 12.2487

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.



30.4056, 31.7172, 17.7251



26.4764, 31.7172, 55.1786



36.9808, 31.7172, 25.7267

Square

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



26.4764, 31.7172, 55.1786



36.6852, 31.7172, 46.7048



34.1404, 31.7172, 19.8133



24.4345, 31.7172, 24.6867

Rectangle

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



26.4764, 31.7172, 55.1786



32.4248, 31.7172, 58.1627



34.1404, 31.7172, 19.8133



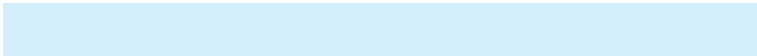
27.9770, 31.7172, 18.3687

Sweetspot

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



26.4774, 31.7184, 55.1794



74.4289, 81.8548, 102.2370



26.2141, 41.4520, 23.4603



15.5681, 17.2168, 21.8879



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.



26.4774, 31.7184, 55.1794



42.0251, 50.9101, 97.9720



19.1293, 17.0222, 52.7300



10.1117, 10.9148, 12.8586



12.3822, 14.5209, 35.7068



0.5921, 0.7417, 1.5618

Inverse Universe

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



31.9229, 20.7634, 36.5089



53.2555, 31.0456, 58.8555



38.0943, 40.7883, 14.8829



10.3677, 10.1957, 12.0268



17.6459, 8.7481, 16.5795



0.7913, 0.3895, 0.8682

Previews

White Background



This preview shows how the XYZ color 26.4764, 31.7172, 55.1786 looks on a white background.

Color Contrast Check

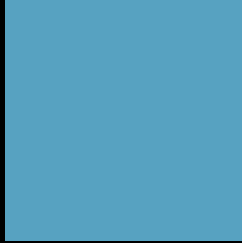
Large Text (above 18pt) WCAG AA × Fail

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 26.4764, 31.7172, 55.1786 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 26.4764, 31.7172, 55.1786

Background



This preview shows how black text looks on a background with the XYZ color 26.4764, 31.7172, 55.1786.

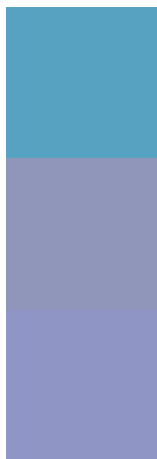


This preview shows how white text looks on a background with the XYZ color 26.4764, 31.7172,

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

26.4764, 31.7172, 55.1786

Protanopia

31.1649, 31.2448, 50.2872

Deuteranopia

32.0389, 31.3201, 56.5813



Tritanopia

24.8844, 31.8740, 46.9602

Trichromacy



Original Color

26.4764, 31.7172, 55.1786

Protanomaly

28.8011, 30.9530, 52.0335

Deuteranomaly

29.5743, 31.2623, 56.1053

Tritanomaly

25.3900, 31.8088, 49.6013

Monochromacy



Original Color

26.4764, 31.7172, 55.1786

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5077, 28.5969, 37.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4764, 31.7172, 55.1786 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(87, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(87, 162, 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(87, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 162, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.4764, 31.7172, 55.1786 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(87, 162, 193) }
```


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

```
.border{ border-color:rgb(87, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(87, 162,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4764, 31.7172, 55.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 162, 193) }
```

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

```
.background{ background-color: rgb(87, 162,  
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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