

Converting Colors

XYZ(26.6554, 31.9466, 58.8177)

Have a look what the booklet for
XYZ(26.6554, 31.9466, 58.8177)
contains.

XYZ(26.7143, 32.0234, 58.8060)	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(26.7143, 32.0234,
58.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	50A3C7
RGB	80, 163, 199
RGB Percent	31%, 64%, 78%
CMY	0.6862, 0.3608, 0.2196
CMYK	0.60, 0.18, 0.00, 0.22
HSL	198°, 52%, 55%
HSV	198°, 60%, 78%
XYZ	26.7143, 32.0234, 58.8060
YIQ	142.2870, -61.0240, -6.4000

Conversions

Conversions Part 2

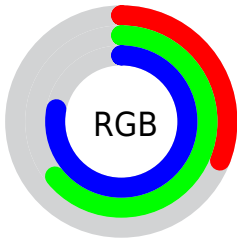
Format	Color
R _Y B	80, 129, 199
Decimal	5284807
CIE Lab	63.36, -14.56, -26.04
CIE LCh	63, 29.835, 240.794
Yxy	32.0234, 0.2273, 0.2724
Android (android.graphics.Color)	4283474887 (0xFF50A3C7)
YUV	142.2870, 27.9595, -54.6257
Hunter-Lab	56.5892, -14.7659, -22.0001

Details

The XYZ color **26.7143, 32.0234, 58.8060** 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 **31.2477, 25.2135, 10.8104**, and the grayscale version is **25.7359, 27.0762, 29.4860**.

A 20% lighter version of the original color is **53.7689, 62.8518, 103.9054**, and **10.7953, 13.4132, 28.8081** is the 20% darker color. If you saturate the color by 10%, you get **24.2328, 29.1955, 58.3915**, and if you desaturate by 10%, it is **29.7463, 35.2119, 59.2623**.

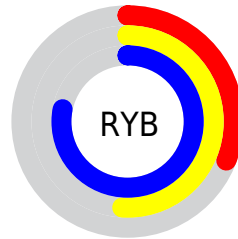
Distribution



Red (31%)

Green (64%)

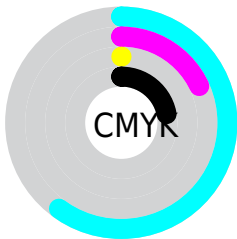
Blue (78%)



Red (31%)

Yellow (51%)

Blue (78%)

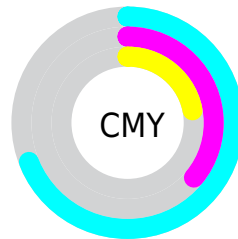


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7143, 32.0234, 58.8060 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 26.7143, 32.0234, 58.8060 by changing the saturation by 10% instead.

■ 26.7143, 32.0234,
58.8060

■ 26.7143, 32.0234,
58.8060

278.4640,
311.2258, 437.8644

■ 17.4942, 21.3794,
42.0380

■ 53.8482, 62.8478,
104.6220

■ 10.6850, 13.4016,
28.8052

■ 72.4928, 83.7969,
134.5071

■ 5.9211, 7.7057,
18.6892

■ 95.0095, 108.9499,
169.6016

■ 2.8374, 3.9072,
11.2714

■ 121.7639,
138.6910, 210.3240

■ 1.0684, 1.6218,
6.1332

153.1211,
173.4048, 257.0930

■ 0.0000, 0.3722,
2.8562

189.4467,

■ 0.0000, 0.0000,

213.4756, 310.3271

1.0217

231.1058,
259.2878, 370.4447

■ 0.0000, 0.0000,
0.0000

■ 26.7143, 32.0234,
58.8060

■ 26.7143, 32.0234,
58.8060

■ 24.2328, 29.1955,
58.3915

■ 29.7463, 35.2119,
59.2623

■ 22.2525, 26.6998,
58.0142

■ 33.3662, 38.7795,
59.7601

■ 20.7202, 24.5085,
57.6720

■ 37.6115, 42.7470,
60.3021

■ 19.5353, 22.5687,
57.3600

■ 42.5157, 47.1328,
60.8902

■ 19.5124, 22.5305,
57.3539

■ 48.1096, 51.9536,
61.5259

■ 54.4222, 57.2253,
62.2107

■ 61.4807, 62.9630,
62.9462

■ 69.3107, 69.1807,
63.7336

■ 76.4094, 75.1045,
64.5029

Harmonies

Analogous

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



24.0959, 32.0234, 47.8966



26.7143, 32.0234, 58.8060



30.5478, 32.0234, 63.0075

Triad

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



26.7143, 32.0234, 58.8060



39.1151, 32.0234, 34.5529



26.5395, 32.0234, 18.7161

Complementary

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



26.7143, 32.0234, 58.8060



31.2477, 25.2135, 10.8104

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.



30.3271, 32.0234, 16.6729



26.7143, 32.0234, 58.8060



37.8038, 32.0234, 24.4463

Square

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



26.7143, 32.0234, 58.8060



37.9314, 32.0234, 47.2234



34.4910, 32.0234, 18.5082



24.0016, 32.0234, 24.8809

Rectangle

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



26.7143, 32.0234, 58.8060



33.3530, 32.0234, 60.8322



34.4910, 32.0234, 18.5082



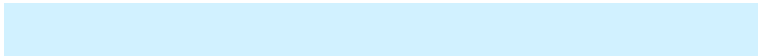
27.6967, 32.0234, 17.5966

Sweetspot

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



26.7154, 32.0246, 58.8068



75.8619, 83.7681, 106.7783



26.8677, 43.8072, 23.4727



15.6569, 17.4205, 22.7872



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.



26.7154, 32.0246, 58.8068



41.2066, 49.6321, 102.0159



18.5485, 15.6908, 56.0845



10.6654, 11.5049, 13.5760



12.6267, 14.6474, 36.9061



0.6594, 0.8165, 1.7680

Inverse Universe

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



33.0337, 20.5250, 36.8721



53.8807, 29.9623, 57.2547



40.3710, 43.4602, 13.8516



10.9412, 10.7598, 12.6734



18.1727, 9.0187, 16.6513



0.8915, 0.4394, 0.9519

Previews

White Background



This preview shows how the XYZ color 26.7143, 32.0234, 58.8060 looks on a white background.

Color Contrast Check

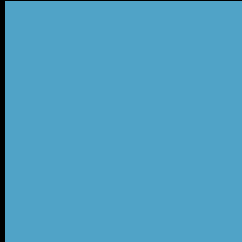
Large Text (above 18pt) WCAG AA × Fail

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 26.7143, 32.0234, 58.8060 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 26.7143, 32.0234, 58.8060

Background



This preview shows how black text looks on a background with the XYZ color 26.7143, 32.0234, 58.8060.

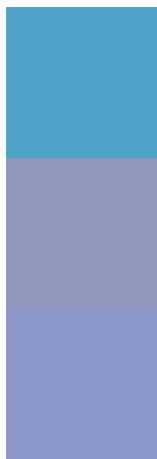


This preview shows how white text looks on a background with the XYZ color 26.7143, 32.0234,

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

26.7143, 32.0234, 58.8060

Protanopia

31.6886, 31.6906, 53.1619

Deuteranopia

32.3822, 31.6524, 60.2799



Tritanopia

24.5469, 31.9454, 48.0523

Trichromacy



Original Color

26.7143, 32.0234, 58.8060

Protanomaly

29.0927, 31.2860, 54.9575

Deuteranomaly

29.7352, 31.5113, 59.7734

Tritanomaly

25.3264, 31.9940, 51.8543

Monochromacy



Original Color

26.7143, 32.0234, 58.8060

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1250, 28.3790, 38.8038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7143, 32.0234, 58.8060 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(80, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(80, 163, 199)  
}
```

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(80, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.7143, 32.0234, 58.8060 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(80, 163, 199) }
```


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

```
.border{ border-color:rgb(80, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(80, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7143, 32.0234, 58.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 163, 199) }
```

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

```
.background{ background-color: rgb(80, 163,  
199) }
```

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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