

Converting Colors

XYZ(27.2855, 32.5201, 54.7092)

Have a look what the booklet for
XYZ(27.2855, 32.5201, 54.7092)
contains.

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Color

**XYZ(27.2277, 32.3798,
54.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA3C0
RGB	94, 163, 192
RGB Percent	37%, 64%, 75%
CMY	0.6314, 0.3608, 0.2471
CMYK	0.51, 0.15, 0.00, 0.25
HSL	198°, 44%, 56%
HSV	198°, 51%, 75%
XYZ	27.2277, 32.3798, 54.6841
YIQ	145.6750, -50.4330, -5.6090

Conversions

Conversions Part 2

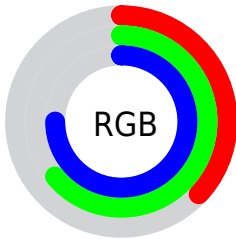
Format	Color
R _Y B	94, 134, 192
Decimal	6202304
CIE Lab	63.66, -13.74, -21.64
CIE LCh	64, 25.631, 237.590
Yxy	32.3798, 0.2382, 0.2833
Android (android.graphics.Color)	4284392384 (0xFF5EA3C0)
YUV	145.6750, 22.8382, -45.3190
Hunter-Lab	56.9033, -14.1700, -17.1455

Details

The XYZ color **27.2277, 32.3798, 54.6841** 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 **30.8424, 26.1815, 14.0187**, and the grayscale version is **27.1139, 28.5260, 31.0648**.

A 20% lighter version of the original color is **54.5924, 63.4041, 98.1678**, and **10.8991, 13.5272, 26.0813** is the 20% darker color. If you saturate the color by 10%, you get **24.5123, 29.5165, 54.2751**, and if you desaturate by 10%, it is **30.4802, 35.5886, 55.1326**.

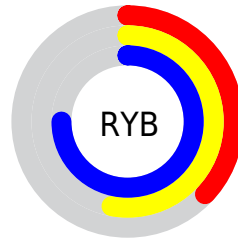
Distribution



Red (37%)

Green (64%)

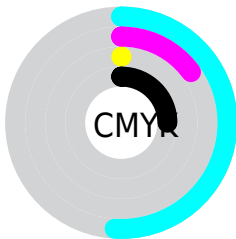
Blue (75%)



Red (37%)

Yellow (53%)

Blue (75%)

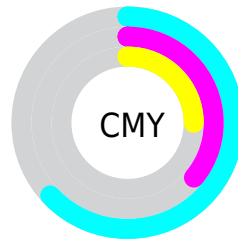


Cyan (51%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2277, 32.3798, 54.6841 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 27.2277, 32.3798, 54.6841 by changing the saturation by 10% instead.

■ 27.2277, 32.3798,
54.6841

■ 27.2277, 32.3798,
54.6841

280.9054,
312.8457, 421.9615

■ 17.8818, 21.6518,
38.7520

■ 54.6663, 63.4060,
98.5445

■ 10.9643, 13.6012,
26.2605

■ 73.4898, 84.4730,
127.3098

■ 6.1100, 7.8439,
16.7911

■ 96.2031, 109.7551,
161.1899

■ 2.9534, 3.9952,
9.9253

■ 123.1717,
139.6366, 200.6034

■ 1.1291, 1.6709,
5.2445

154.7608,
174.5021, 245.9687

■ 0.0493, 0.4047,
2.3302

191.3359,

■ 0.0000, 0.0000,

214.7358, 297.7045

0.7481

233.2623,
260.7223, 356.2292

■ 0.0000, 0.0000,
0.0000

■ 27.2277, 32.3798,
54.6841

■ 27.2277, 32.3798,
54.6841

■ 24.5123, 29.5165,
54.2751

■ 30.4802, 35.5886,
55.1326

■ 22.2932, 26.9748,
53.9015

■ 34.3005, 39.1576,
55.6202

■ 20.5287, 24.7329,
53.5618

■ 38.7204, 43.1048,
56.1491

■ 19.1679, 22.7639,
53.2534

■ 43.7685, 47.4455,
56.7209

■ 18.2044, 21.1855,
52.9996

■ 49.4715, 52.1945,
57.3369

■ 55.8543, 57.3654,
57.9986

■ 62.9407, 62.9712,
58.7071

■ 70.7532, 69.0243,
59.4637

■ 74.8358, 73.2282,
60.0600

Harmonies

Analogous

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



25.0627, 32.3798, 45.2110



27.2277, 32.3798, 54.6841



30.4871, 32.3798, 58.8838

Triad

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



27.2277, 32.3798, 54.6841



38.1887, 32.3798, 36.0928



27.6930, 32.3798, 20.4956

Complementary

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



27.2277, 32.3798, 54.6841



30.8424, 26.1815, 14.0187

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.



31.0668, 32.3798, 18.9831



27.2277, 32.3798, 54.6841



37.2977, 32.3798, 26.8815

Square

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



27.2277, 32.3798, 54.6841



36.9692, 32.3798, 46.9295



34.6200, 32.3798, 21.0793



25.3163, 32.3798, 25.6993

Rectangle

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



27.2277, 32.3798, 54.6841



32.9062, 32.3798, 57.6184



34.6200, 32.3798, 21.0793



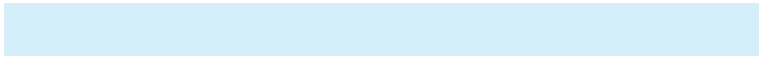
28.7398, 32.3798, 19.5887

Sweetspot

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



27.2287, 32.3810, 54.6849



75.3210, 82.5751, 102.3290



26.9651, 41.4791, 24.9229



15.7433, 17.3574, 21.9059



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.



27.2287, 32.3810, 54.6849



44.0001, 53.0254, 98.2762



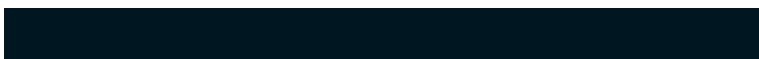
20.2889, 18.5014, 52.3716



10.1087, 10.9088, 12.8576



12.3197, 14.3960, 35.6860



0.5898, 0.7371, 1.5611

Inverse Universe

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



32.3527, 21.8573, 37.1652



54.7002, 33.3381, 61.1773



38.2783, 41.0533, 16.4973



10.3662, 10.1951, 12.0188



17.6144, 8.7355, 16.4134



0.7901, 0.3890, 0.8621

Previews

White Background



This preview shows how the XYZ color 27.2277, 32.3798, 54.6841 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 27.2277, 32.3798, 54.6841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

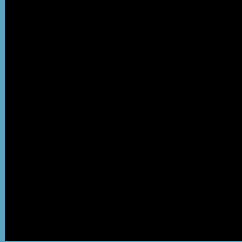
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2277, 32.3798, 54.6841

Background



This preview shows how black text looks on a background with the XYZ color 27.2277, 32.3798, 54.6841.

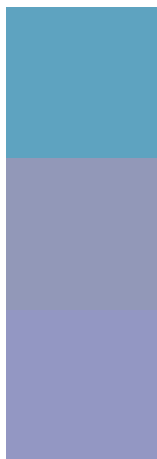


This preview shows how white text looks on a background with the XYZ color 27.2277, 32.3798,

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

27.2277, 32.3798, 54.6841

Protanopia

31.7340, 32.0282, 49.8569

Deuteranopia

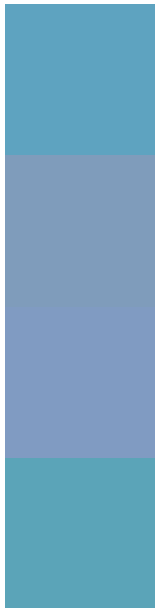
32.9496, 32.2764, 56.1231



Tritanopia

25.7116, 32.2888, 47.5250

Trichromacy



Original Color

27.2277, 32.3798, 54.6841

Protanomaly

29.6105, 31.8768, 51.6059

Deuteranomaly

30.3610, 31.9269, 55.6013

Tritanomaly

26.2416, 32.2358, 50.1864

Monochromacy



Original Color

27.2277, 32.3798, 54.6841

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5915, 29.6128, 38.9647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2277, 32.3798, 54.6841 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, 163, 192) looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 192)  
}
```

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, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 192) }
```

Border

The CSS property to change the border of an element to XYZ 27.2277, 32.3798, 54.6841 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, 163, 192) }
```


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

```
.border{ border-color:rgb(94, 163, 192) }
```

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

Here you see how a box with a 4 pixel rgb(94, 163, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2277, 32.3798, 54.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 192) }
```

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

```
.background{ background-color: rgb(94, 163,  
192) }
```

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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