

Converting Colors

XYZ(27.7641, 32.8070, 56.8208)

Have a look what the booklet for
XYZ(27.7641, 32.8070, 56.8208)
contains.

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Color

**XYZ(27.8554, 32.9161,
57.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA4C4
RGB	94, 164, 196
RGB Percent	37%, 64%, 77%
CMY	0.6314, 0.3569, 0.2314
CMYK	0.52, 0.16, 0.00, 0.23
HSL	199°, 46%, 57%
HSV	199°, 52%, 77%
XYZ	27.8554, 32.9161, 57.1099
YIQ	146.7180, -51.9920, -4.8880

Conversions

Conversions Part 2

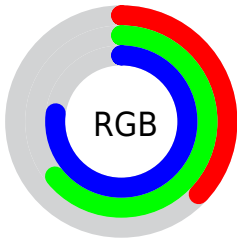
Format	Color
R_{YB}	94, 136, 196
Decimal	6202564
CIE _{Lab}	64.09, -13.11, -23.20
CIE _{LCh}	64, 26.648, 240.533
Yxy	32.9161, 0.2363, 0.2792
Android (android.graphics.Color)	4284392644 (0xFF5EA4C4)
YUV	146.7180, 24.2960, -46.2337
Hunter-Lab	57.3726, -13.7370, -18.8578

Details

The XYZ color **27.8554, 32.9161, 57.1099** 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 **32.2472, 27.4669, 14.1930**, and the grayscale version is **27.5361, 28.9701, 31.5485**.

A 20% lighter version of the original color is **55.6388, 64.2389, 102.3954**, and **11.2723, 13.8484, 27.6701** is the 20% darker color. If you saturate the color by 10%, you get **25.0211, 29.8613, 56.6703**, and if you desaturate by 10%, it is **31.2553, 36.3429, 57.5927**.

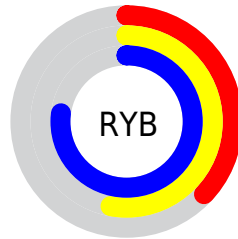
Distribution



Red (37%)

Green (64%)

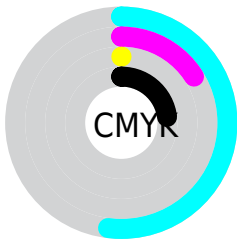
Blue (77%)



Red (37%)

Yellow (53%)

Blue (77%)

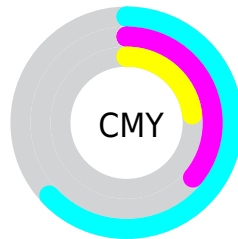


Cyan (52%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (63%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8554, 32.9161, 57.1099 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 27.8554, 32.9161, 57.1099 by changing the saturation by 10% instead.

■ 27.8554, 32.9161,
57.1099

■ 27.8554, 32.9161,
57.1099

283.8679,
315.2715, 431.3663

■ 18.3566, 22.0622,
40.6835

■ 55.6638, 64.2445,
102.1275

■ 11.3075, 13.9026,
27.7541

■ 74.7040, 85.4878,
131.5557

■ 6.3429, 8.0530,
17.9029

■ 97.6555, 110.9630,
166.1550

■ 3.0973, 4.1288,
10.7116

■ 124.8834,
141.0545, 206.3439

■ 1.2054, 1.7459,
5.7615

156.7533,
176.1467, 252.5410

■ 0.1107, 0.4531,
2.6342

193.6305,

■ 0.0000, 0.0000,

216.6240, 305.1647

0.9100

235.8802,
262.8708, 364.6336

■ 0.0000, 0.0000,
0.0000

■ 27.8554, 32.9161,
57.1099

■ 27.8554, 32.9161,
57.1099

■ 25.0211, 29.8613,
56.6703

■ 31.2553, 36.3429,
57.5927

■ 22.7091, 27.1529,
56.2693

■ 35.2536, 40.1575,
58.1183

■ 20.8745, 24.7674,
55.9056

■ 39.8843, 44.3793,
58.6891

■ 19.4625, 22.6754,
55.5762

■ 45.1778, 49.0250,
59.3068

■ 18.5598, 21.1772,
55.3346

■ 51.1623, 54.1101,
59.9729

■ 57.8645, 59.6493,
60.6889

■ 65.3094, 65.6567,
61.4560

■ 73.5211, 72.1454,
62.2757

■ 76.6253, 76.0883,
62.8731

Harmonies

Analogous

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



25.4511, 32.9161, 47.4483



27.8554, 32.9161, 57.1099



31.3532, 32.9161, 60.8493

Triad

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



27.8554, 32.9161, 57.1099



39.1040, 32.9161, 35.6475



27.7476, 32.9161, 20.7742

Complementary

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



27.8554, 32.9161, 57.1099



32.2472, 27.4669, 14.1930

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.



31.2185, 32.9161, 18.8382



27.8554, 32.9161, 57.1099



37.9502, 32.9161, 26.2986

Square

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



27.8554, 32.9161, 57.1099



38.0269, 32.9161, 47.0466



34.9868, 32.9161, 20.6404



25.3925, 32.9161, 26.5713

Rectangle

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



27.8554, 32.9161, 57.1099



33.8963, 32.9161, 58.9939



34.9868, 32.9161, 20.6404



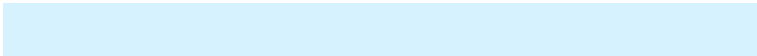
28.8129, 32.9161, 19.7092

Sweetspot

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



27.8565, 32.9173, 57.1107



77.6517, 85.1696, 106.9544



28.0332, 43.3309, 26.1559



16.1930, 17.8541, 22.8427



0.0000, 0.0000, 0.0000



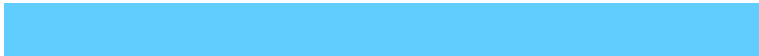
20.3446, 21.4041, 23.3091

Same Dimension

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



27.8565, 32.9173, 57.1107



44.8962, 53.6102, 102.5893



20.6436, 18.4916, 54.7064



10.0934, 10.8781, 12.8525



12.0051, 13.7668, 35.5811



0.5781, 0.7136, 1.5571

Inverse Universe

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



33.4695, 22.4227, 37.6871



56.5733, 34.2180, 61.6341



40.2333, 43.4390, 16.8550



10.3584, 10.1920, 11.9781



17.4556, 8.6720, 15.5772



0.7842, 0.3867, 0.8308

Previews

White Background



This preview shows how the XYZ color 27.8554, 32.9161, 57.1099 looks on a white background.

Color Contrast Check

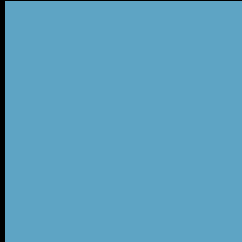
Large Text (above 18pt) WCAG AA × Fail

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 27.8554, 32.9161, 57.1099 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 27.8554, 32.9161, 57.1099

Background



This preview shows how black text looks on a background with the XYZ color 27.8554, 32.9161, 57.1099.

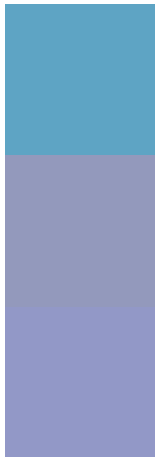


This preview shows how white text looks on a background with the XYZ color 27.8554, 32.9161,

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

27.8554, 32.9161, 57.1099

Protanopia

32.5010, 32.6163, 52.1596

Deuteranopia

33.3911, 32.6910, 58.5829



Tritanopia

26.0814, 33.0074, 48.1765

Trichromacy



Original Color

27.8554, 32.9161, 57.1099

Protanomaly

30.3630, 32.4647, 53.9562

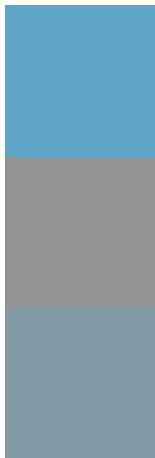
Deuteranomaly

30.8339, 32.3662, 58.0483

Tritanomaly

26.7156, 32.9913, 51.4143

Monochromacy



Original Color

27.8554, 32.9161, 57.1099

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0849, 30.0883, 39.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8554, 32.9161, 57.1099 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, 164, 196)` looks like.

```
.text, #text, p{  
    color:rgb(94, 164, 196)  
}
```

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, 164, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 164, 196) }
```

Border

The CSS property to change the border of an element to XYZ 27.8554, 32.9161, 57.1099 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, 164, 196) }
```


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

```
.border{ border-color:rgb(94, 164, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 164, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 164, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 164, 196);  
box-shadow:4px 4px 4px 4px rgb(94, 164,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8554, 32.9161, 57.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 164, 196) }
```

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

```
.background{ background-color: rgb(94, 164,  
196) }
```

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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