

Converting Colors

XYZ(27.8680, 34.4720, 54.9888)

Have a look what the booklet for
XYZ(27.8680, 34.4720, 54.9888)
contains.

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Color

**XYZ(28.0090, 34.6791,
55.0867)**

Conversions

Conversions Part 1

Format	Color
Hex	59AAC0
RGB	89, 170, 192
RGB Percent	35%, 67%, 75%
CMY	0.6510, 0.3333, 0.2471
CMYK	0.54, 0.11, 0.00, 0.25
HSL	193°, 45%, 55%
HSV	193°, 54%, 75%
XYZ	28.0090, 34.6791, 55.0867
YIQ	148.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

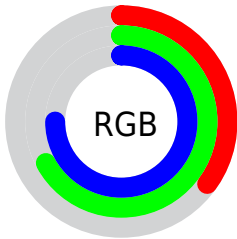
Format	Color
R_{YB}	89, 134, 192
Decimal	5876416
CIE _{Lab}	65.50, -18.56, -18.85
CIE _{LCh}	65, 26.452, 225.451
Yxy	34.6791, 0.2378, 0.2945
Android (android.graphics.Color)	4284066496 (0xFF59AAC0)
YUV	148.2890, 21.5495, -51.9965
Hunter-Lab	58.8890, -18.1568, -14.2396

Details

The XYZ color **28.0090, 34.6791, 55.0867** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **29.2267, 23.2976, 12.4087**, and the grayscale version is **28.1994, 29.6679, 32.3084**.

A 20% lighter version of the original color is **55.7226, 66.7387, 98.7519**, and **11.3968, 14.9624, 26.3321** is the 20% darker color. If you saturate the color by 10%, you get **25.6447, 32.3375, 54.7600**, and if you desaturate by 10%, it is **30.8799, 37.3190, 55.4456**.

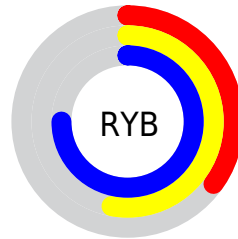
Distribution



Red (35%)

Green (67%)

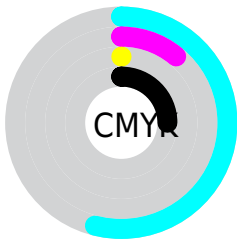
Blue (75%)



Red (35%)

Yellow (53%)

Blue (75%)

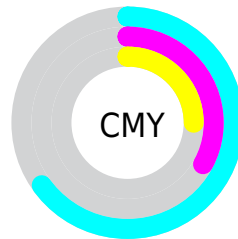


Cyan (54%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (65%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0090, 34.6791, 55.0867 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 28.0090, 34.6791, 55.0867 by changing the saturation by 10% instead.

■ 28.0090, 34.6791,
55.0867

■ 28.0090, 34.6791,
55.0867

284.5892,
323.1496, 423.5317

■ 18.4729, 23.4158,
39.0721

■ 55.9074, 66.9883,
99.1404

■ 11.3918, 14.9008,
26.5075

■ 75.0004, 88.8031,
128.0165

■ 6.4002, 8.7498,
16.9746

■ 98.0097, 114.9037,
162.0170

■ 3.1329, 4.5784,
10.0546

■ 125.3008,
145.6747, 201.5601

■ 1.2244, 2.0021,
5.3291

157.2389,
181.5004, 247.0647

■ 0.1255, 0.6087,
2.3795

194.1894,

■ 0.0000, 0.0000,

222.7651, 298.9491

0.7753

236.5178,
269.8534, 357.6319

■ 0.0000, 0.0000,
0.0000

■ 28.0090, 34.6791,
55.0867

■ 28.0090, 34.6791,
55.0867

■ 25.6447, 32.3375,
54.7600

■ 30.8799, 37.3190,
55.4456

■ 23.7453, 30.2700,
54.4610

■ 34.2885, 40.2712,
55.8358

■ 22.2677, 28.4550,
54.1886

■ 38.2671, 43.5535,
56.2596

■ 21.1586, 26.8647,
53.9400

■ 42.8443, 47.1810,
56.7185

■ 20.5800, 25.9367,
53.7914

■ 48.0469, 51.1677,
57.2138

■ 53.9001, 55.5270,
57.7468

■ 60.4276, 60.2712,
58.3185

■ 67.6518, 65.4124,
58.9301

■ 73.0457, 69.6480,
59.4633

Harmonies

Analogous

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



26.2928, 34.6791, 43.7305



28.0090, 34.6791, 55.0867



31.1261, 34.6791, 62.3901

Triad

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



28.0090, 34.6791, 55.0867



40.7067, 34.6791, 43.3740



31.0173, 34.6791, 20.7095

Complementary

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



28.0090, 34.6791, 55.0867



29.2267, 23.2976, 12.4087

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.



34.8676, 34.6791, 20.6513



28.0090, 34.6791, 55.0867



40.6718, 34.6791, 32.3586

Square

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



28.0090, 34.6791, 55.0867



38.5577, 34.6791, 54.7820



38.4657, 34.6791, 24.5102



27.9347, 34.6791, 24.6885

Rectangle

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



28.0090, 34.6791, 55.0867



33.6738, 34.6791, 63.2147



38.4657, 34.6791, 24.5102



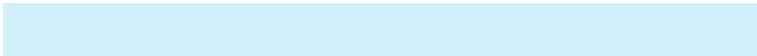
32.2592, 34.6791, 20.2610

Sweetspot

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



28.0101, 34.6804, 55.0875



75.3561, 83.7091, 102.5461



25.7631, 40.9410, 21.1837



15.7908, 17.6622, 21.9622



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.



28.0101, 34.6804, 55.0875



45.9419, 58.0464, 99.1430



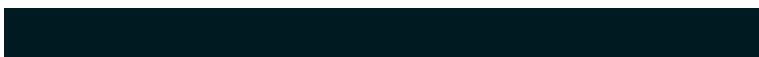
20.3398, 19.3397, 52.5307



10.1801, 11.0515, 12.8814



13.9063, 17.5691, 36.2149



0.6476, 0.8525, 1.5803

Inverse Universe

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



32.5673, 21.2546, 40.4176



55.4027, 32.5562, 68.1537



36.3046, 37.4535, 14.7681



10.4022, 10.2095, 12.2085



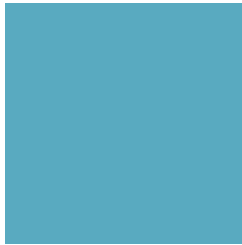
18.4152, 9.0558, 20.6305



0.8192, 0.4007, 1.0155

Previews

White Background



This preview shows how the XYZ color 28.0090, 34.6791, 55.0867 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 28.0090, 34.6791, 55.0867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

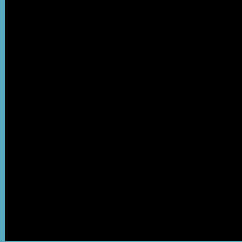
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0090, 34.6791, 55.0867

Background



This preview shows how black text looks on a background with the XYZ color 28.0090, 34.6791, 55.0867.



This preview shows how white text looks on a background with the XYZ color 28.0090, 34.6791,

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

28.0090, 34.6791, 55.0867

Protanopia

33.7411, 34.3051, 49.6430

Deuteranopia

35.0892, 34.3514, 56.4108



Tritanopia

27.1576, 34.6070, 51.1474

Trichromacy



Original Color

28.0090, 34.6791, 55.0867

Protanomaly

30.9892, 34.1317, 51.4091

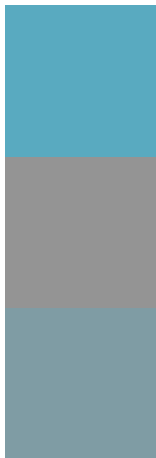
Deuteranomaly

31.6685, 33.8619, 55.9058

Tritanomaly

27.5705, 34.7829, 52.8376

Monochromacy



Original Color

28.0090, 34.6791, 55.0867

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.3417, 30.9693, 39.6586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0090, 34.6791, 55.0867 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(89, 170, 192)` looks like.

```
.text, #text, p{  
    color:rgb(89, 170, 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(89, 170, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 170, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.0090, 34.6791, 55.0867 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(89, 170, 192) }
```


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

```
.border{ border-color:rgb(89, 170, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 170, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(89, 170,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0090, 34.6791, 55.0867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 170, 192) }
```

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

```
.background{ background-color: rgb(89, 170,  
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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