

Converting Colors

XYZ(27.6470, 34.3584, 56.2036)

Have a look what the booklet for
XYZ(27.6470, 34.3584, 56.2036)
contains.

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Color

**XYZ(27.6796, 34.4835,
56.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	53AAC2
RGB	83, 170, 194
RGB Percent	33%, 67%, 76%
CMY	0.6745, 0.3333, 0.2392
CMYK	0.57, 0.12, 0.00, 0.24
HSL	193°, 48%, 54%
HSV	193°, 57%, 76%
XYZ	27.6796, 34.4835, 56.2360
YIQ	146.7230, -59.5560, -10.9800

Conversions

Conversions Part 2

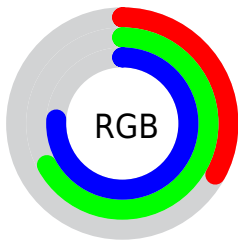
Format	Color
RYB	83, 132, 194
Decimal	5483202
CIELab	65.34, -19.20, -20.22
CIELCh	65, 27.884, 226.471
Yxy	34.4835, 0.2338, 0.2912
Android (android.graphics.Color)	4283673282 (0xFF53AAC2)
YUV	146.7230, 23.3076, -55.8851
Hunter-Lab	58.7227, -18.6266, -15.6735

Details

The XYZ color **27.6796, 34.4835, 56.2360** 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 **29.0680, 22.6103, 11.0169**, and the grayscale version is **27.5444, 28.9789, 31.5580**.

A 20% lighter version of the original color is **55.3223, 66.4782, 101.1826**, and **11.2246, 14.8568, 27.0870** is the 20% darker color. If you saturate the color by 10%, you get **25.4279, 32.1746, 55.9097**, and if you desaturate by 10%, it is **30.4375, 37.0920, 56.5948**.

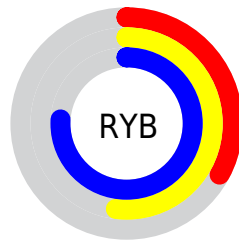
Distribution



Red (33%)

Green (67%)

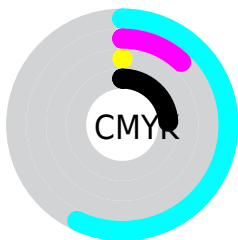
Blue (76%)



Red (33%)

Yellow (52%)

Blue (76%)

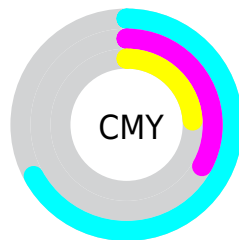


Cyan (57%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (67%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6796, 34.4835, 56.2360 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 27.6796, 34.4835, 56.2360 by changing the saturation by 10% instead.

■ 27.6796, 34.4835,
56.2360

■ 27.6796, 34.4835,
56.2360

283.0407,
322.2826, 427.9936

■ 18.2235, 23.2653,
39.9869

■ 55.3847, 66.6848,
100.8388

■ 11.2112, 14.7895,
27.2146

■ 74.3645, 88.4368,
130.0296

■ 6.2774, 8.6718,
17.5006

■ 97.2495, 114.4687,
164.3713

■ 3.0568, 4.5277,
10.4263

■ 124.4051,
145.1651, 204.2826

■ 1.1838, 1.9729,
5.5733

156.1966,
180.9103, 250.1819

■ 0.0936, 0.5917,
2.5228

192.9895,

■ 0.0000, 0.0000,

222.0886, 302.4878

0.8522

235.1491,
269.0846, 361.6188

■ 0.0000, 0.0000,
0.0000

■ 27.6796, 34.4835,
56.2360

■ 27.6796, 34.4835,
56.2360

■ 25.4279, 32.1746,
55.9097

■ 30.4375, 37.0920,
56.5948

■ 23.6376, 30.1399,
55.6113

■ 33.7347, 40.0154,
56.9853

■ 22.2619, 28.3553,
55.3393

■ 37.6055, 43.2724,
57.4099

■ 21.2334, 26.7861,
55.0906

■ 42.0802, 46.8789,
57.8702

■ 20.9751, 26.3698,
55.0239

■ 47.1869, 50.8499,
58.3675

■ 52.9519, 55.1991,
58.9031

■ 59.4001, 59.9397,
59.4783

■ 66.5550, 65.0841,
60.0942

■ 73.4734, 70.1465,
60.7067

Harmonies

Analogous

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



25.8342, 34.4835, 44.2606



27.6796, 34.4835, 56.2360



30.9800, 34.4835, 63.7996

Triad

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



27.6796, 34.4835, 56.2360



40.9810, 34.4835, 43.0332



30.6081, 34.4835, 19.9053

Complementary

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



27.6796, 34.4835, 56.2360



29.0680, 22.6103, 11.0169

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.



34.6391, 34.4835, 19.7111



27.6796, 34.4835, 56.2360



40.8606, 34.4835, 31.5485

Square

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



27.6796, 34.4835, 56.2360



38.7780, 34.4835, 55.1788



38.4614, 34.4835, 23.5381



27.4268, 34.4835, 24.1385

Rectangle

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



27.6796, 34.4835, 56.2360



33.6646, 34.4835, 64.4838



38.4614, 34.4835, 23.5381



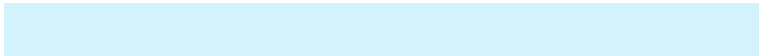
31.9022, 34.4835, 19.4012

Sweetspot

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



27.6807, 34.4848, 56.2368



76.1896, 84.8937, 104.8403



25.4201, 41.4474, 20.0802



16.3008, 18.2859, 22.9203



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.



27.6807, 34.4848, 56.2368



45.0519, 57.1807, 101.1323



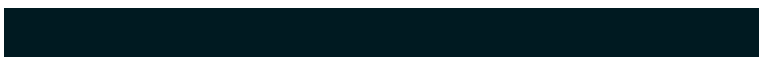
19.5860, 18.2953, 53.5386



10.1778, 11.0469, 12.8807



13.8523, 17.4611, 36.1968



0.6456, 0.8487, 1.5797

Inverse Universe

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



32.5980, 20.5592, 40.2818



55.2895, 31.1607, 67.2480



36.5028, 37.4799, 13.4951



10.4010, 10.2090, 12.2024



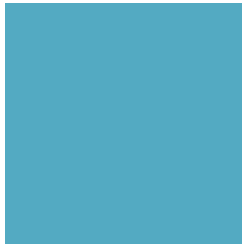
18.3880, 9.0449, 20.4869



0.8183, 0.4003, 1.0104

Previews

White Background



This preview shows how the XYZ color 27.6796, 34.4835, 56.2360 looks on a white background.

Color Contrast Check

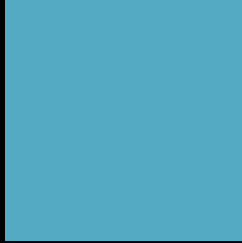
Large Text (above 18pt) WCAG AA × Fail

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 27.6796, 34.4835, 56.2360 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 27.6796, 34.4835, 56.2360

Background



This preview shows how black text looks on a background with the XYZ color 27.6796, 34.4835, 56.2360.



This preview shows how white text looks on a background with the XYZ color 27.6796, 34.4835,

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

27.6796, 34.4835, 56.2360

Protanopia

33.5943, 33.9551, 50.6823

Deuteranopia

34.9363, 34.2462, 57.5922



Tritanopia

26.5443, 34.2909, 51.1187

Trichromacy



Original Color

27.6796, 34.4835, 56.2360

Protanomaly

30.5744, 33.6326, 52.4573

Deuteranomaly

31.4367, 33.7163, 57.0756

Tritanomaly

26.9483, 34.4621, 52.8085

Monochromacy



Original Color

27.6796, 34.4835, 56.2360

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.7344, 30.4081, 39.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6796, 34.4835, 56.2360 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(83, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(83, 170, 194)  
}
```

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(83, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 170, 194) }
```

Border

The CSS property to change the border of an element to XYZ 27.6796, 34.4835, 56.2360 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(83, 170, 194) }
```


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

```
.border{ border-color:rgb(83, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(83, 170,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6796, 34.4835, 56.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 170, 194) }
```

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

```
.background{ background-color: rgb(83, 170,  
194) }
```

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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