

Converting Colors

XYZ(27.9776, 33.5278, 53.9595)

Have a look what the booklet for
XYZ(27.9776, 33.5278, 53.9595)
contains.

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Color

**XYZ(27.9675, 33.5868,
53.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	62A6BE
RGB	98, 166, 190
RGB Percent	38%, 65%, 75%
CMY	0.6157, 0.3490, 0.2549
CMYK	0.48, 0.13, 0.00, 0.25
HSL	196°, 41%, 56%
HSV	196°, 48%, 75%
XYZ	27.9675, 33.5868, 53.7241
YIQ	148.4040, -48.2320, -6.9520

Conversions

Conversions Part 2

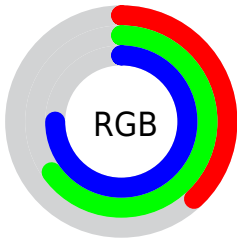
Format	Color
R_{YB}	98, 137, 190
Decimal	6465214
CIE _{Lab}	64.63, -14.99, -19.02
CIE _{LCh}	65, 24.217, 231.747
Yxy	33.5868, 0.2426, 0.2914
Android (android.graphics.Color)	4284655294 (0xFF62A6BE)
YUV	148.4040, 20.5068, -44.2043
Hunter-Lab	57.9541, -15.2792, -14.3946

Details

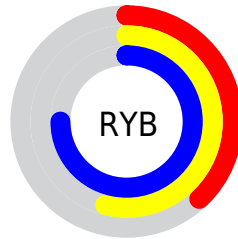
The XYZ color **27.9675, 33.5868, 53.7241** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.4002, 25.7490, 14.9241**, and the grayscale version is **28.2494, 29.7205, 32.3657**.

A 20% lighter version of the original color is **55.8174, 65.2367, 96.8388**, and **11.4077, 14.2919, 25.8243** is the 20% darker color. If you saturate the color by 10%, you get **25.2721, 30.8861, 53.3455**, and if you desaturate by 10%, it is **31.1863, 36.6103, 54.1387**.

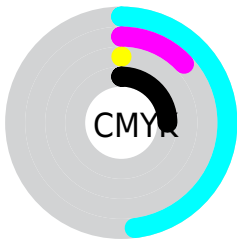
Distribution



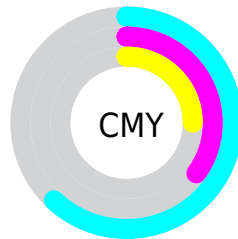
- Red (38%)
- Green (65%)
- Blue (75%)



- Red (38%)
- Yellow (54%)
- Blue (75%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9675, 33.5868, 53.7241 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 27.9675, 33.5868, 53.7241 by changing the saturation by 10% instead.

■ 27.9675, 33.5868,
53.7241

■ 27.9675, 33.5868,
53.7241

284.3945,
318.2857, 418.2019

■ 18.4415, 22.5763,
37.9895

■ 55.8416, 65.2906,
97.1213

■ 11.3690, 14.2810,
25.6727

■ 74.9203, 86.7527,
125.6210

■ 6.3847, 8.3164,
16.3554

■ 97.9140, 112.4675,
159.2128

■ 3.1233, 4.2980,
9.6189

■ 125.1881,
142.8194, 198.3152

■ 1.2193, 1.8416,
5.0447

157.1078,
178.1928, 243.3467

■ 0.1215, 0.5129,
2.2143

194.0385,

■ 0.0000, 0.0000,

218.9720, 294.7260

0.6826

236.3456,
265.5415, 352.8716

■ 0.0000, 0.0000,
0.0000

■ 27.9675, 33.5868,
53.7241

■ 27.9675, 33.5868,
53.7241

■ 25.2721, 30.8861,
53.3455

■ 31.1863, 36.6103,
54.1387

■ 23.0617, 28.4856,
52.9987

■ 34.9572, 39.9699,
54.5884

■ 21.2971, 26.3655,
52.6824

■ 39.3107, 43.6825,
55.0755

■ 19.9315, 24.5008,
52.3945

■ 44.2738, 47.7625,
55.6015

■ 18.8894, 22.8520,
52.1312

■ 49.8718, 52.2236,
56.1675

■ 18.7365, 22.6019,
52.0909

■ 56.1288, 57.0787,
56.7748

■ 63.0672, 62.3399,
57.4247

■ 70.7087, 68.0189,
58.1181

■ 73.7320, 71.3729,
58.6061

Harmonies

Analogous

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



26.1177, 33.5868, 44.1178



27.9675, 33.5868, 53.7241



30.9750, 33.5868, 58.9307

Triad

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



27.9675, 33.5868, 53.7241



38.9929, 33.5868, 39.3827



29.5141, 33.5868, 21.5368

Complementary

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



27.9675, 33.5868, 53.7241



30.4002, 25.7490, 14.9241

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.



32.8907, 33.5868, 20.7305



27.9675, 33.5868, 53.7241



38.5310, 33.5868, 29.9368

Square

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



27.9675, 33.5868, 53.7241



37.4553, 33.5868, 49.7243



36.2354, 33.5868, 23.5222



26.9646, 33.5868, 25.9685

Rectangle

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



27.9675, 33.5868, 53.7241



33.3012, 33.5868, 58.6530



36.2354, 33.5868, 23.5222



30.5839, 33.5868, 20.8694

Sweetspot

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



27.9686, 33.5881, 53.7249



73.9704, 81.4329, 100.0986



26.9026, 40.8049, 24.5485



15.8368, 17.5445, 21.9370



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.



27.9686, 33.5881, 53.7249



45.5667, 55.7300, 96.6345



21.1697, 19.9903, 51.4586



9.5922, 10.3768, 12.1696



12.5249, 15.1615, 34.6592



0.5409, 0.6945, 1.3744

Inverse Universe

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



32.4868, 22.4367, 38.6962



55.0439, 34.3652, 64.6564



37.2594, 39.4674, 17.2105



9.8208, 9.6526, 11.4453



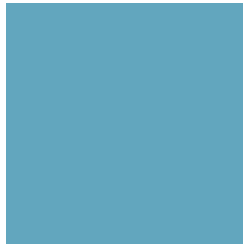
17.3228, 8.5603, 17.5251



0.7039, 0.3455, 0.8202

Previews

White Background



This preview shows how the XYZ color 27.9675, 33.5868, 53.7241 looks on a white background.

Color Contrast Check

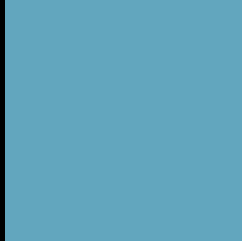
Large Text (above 18pt) WCAG AA × Fail

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 27.9675, 33.5868, 53.7241 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

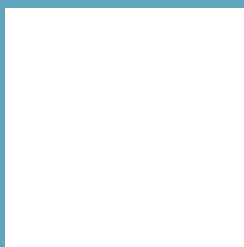
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9675, 33.5868, 53.7241

Background



This preview shows how black text looks on a background with the XYZ color 27.9675, 33.5868, 53.7241.



This preview shows how white text looks on a background with the XYZ color 27.9675, 33.5868,

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

27.9675, 33.5868, 53.7241

Protanopia

32.9273, 33.3994, 48.9672

Deuteranopia

33.9658, 33.3081, 55.0910



Tritanopia

27.0624, 33.7744, 48.8088

Trichromacy



Original Color

27.9675, 33.5868, 53.7241

Protanomaly

30.6708, 33.2046, 50.6915

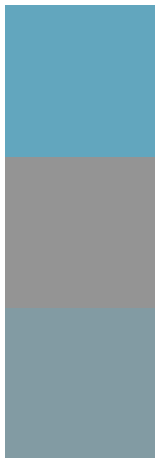
Deuteranomaly

31.2570, 33.1650, 54.6232

Tritanomaly

27.2943, 33.5849, 50.3914

Monochromacy



Original Color

27.9675, 33.5868, 53.7241

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5381, 30.8329, 39.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9675, 33.5868, 53.7241 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(98, 166, 190)` looks like.

```
.text, #text, p{  
    color:rgb(98, 166, 190)  
}
```

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(98, 166, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 166, 190) }
```

Border

The CSS property to change the border of an element to XYZ 27.9675, 33.5868, 53.7241 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(98, 166, 190) }
```


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

```
.border{ border-color:rgb(98, 166, 190) }
```

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

Here you see how a box with a 4 pixel rgb(98, 166, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 166, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 166, 190);  
box-shadow:4px 4px 4px 4px rgb(98, 166,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9675, 33.5868, 53.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 166, 190) }
```

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

```
.background{ background-color: rgb(98, 166,  
190) }
```

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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