

Converting Colors

XYZ(20.5452, 27.5659, 34.8097)

Have a look what the booklet for
XYZ(20.5452, 27.5659, 34.8097)
contains.

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Color

**XYZ(20.5452, 27.5659,
34.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9C9A
RGB	74, 156, 154
RGB Percent	29%, 61%, 60%
CMY	0.7098, 0.3882, 0.3961
CMYK	0.53, 0.00, 0.01, 0.39
HSL	179°, 36%, 45%
HSV	179°, 53%, 61%
XYZ	20.5452, 27.5659, 34.8097
YIQ	131.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

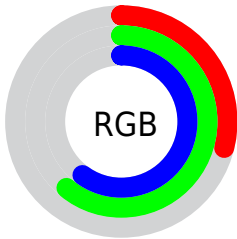
Format	Color
RYB	74, 116, 156
Decimal	4889754
CIELab	59.49, -25.33, -6.59
CIElCh	59, 26.178, 194.585
Yxy	27.5659, 0.2478, 0.3324
Android (android.graphics.Color)	4283079834 (0xFF4A9C9A)
YUV	131.2540, 11.2138, -50.2118
Hunter-Lab	52.5032, -22.0313, -2.5571

Details

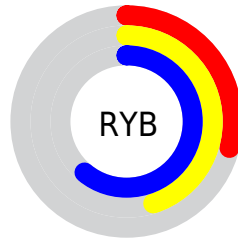
The XYZ color **20.5452, 27.5659, 34.8097** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.4645, 12.4880, 8.3283**, and the grayscale version is **21.6384, 22.7652, 24.7914**.

A 20% lighter version of the original color is **43.8854, 55.8884, 68.1491**, and **7.3985, 10.8799, 14.5421** is the 20% darker color. If you saturate the color by 10%, you get **19.4585, 27.0100, 34.5941**, and if you desaturate by 10%, it is **21.9315, 28.2775, 35.0410**.

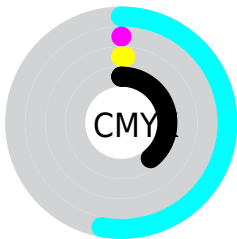
Distribution



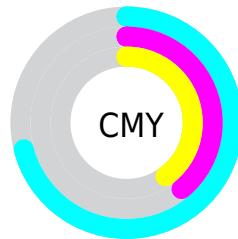
- Red (29%)
- Green (61%)
- Blue (60%)



- Red (29%)
- Yellow (45%)
- Blue (61%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (71%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5452, 27.5659, 34.8097 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 20.5452, 27.5659, 34.8097 by changing the saturation by 10% instead.

■ 20.5452, 27.5659,
34.8097

■ 20.5452, 27.5659,
34.8097

247.6292,
290.3868, 338.6063

■ 12.9025, 17.9987,
23.2339

■ 43.8264, 55.7906,
68.3391

■ 7.4380, 10.9490,
14.5594

■ 60.1956, 75.2169,
91.1298

■ 3.7862, 6.0326,
8.3676

■ 80.2044, 98.6984,
118.4959

■ 1.5819, 2.8649,
4.2399

■ 104.2181,
126.6194, 150.8559

■ 0.3806, 1.0616,
1.7579

■ 132.6021,
159.3643, 188.6284

■ 0.0000, 0.0000,
0.3999

165.7217,

■ 0.0000, 0.0000,

197.3176, 232.2320

0.0000

203.9423,
240.8636, 282.0851

■ 20.5452, 27.5659,
34.8097

■ 20.5452, 27.5659,
34.8097

■ 19.4585, 27.0100,
34.5941

■ 21.9315, 28.2775,
35.0410

■ 18.6465, 26.5950,
34.3913

■ 23.6350, 29.1521,
35.2872

■ 18.0844, 26.3089,
34.2007

■ 25.6751, 30.2000,
35.5495

■ 17.7418, 26.1359,
34.0209

■ 28.0686, 31.4302,
35.8290

■ 17.5724, 26.0513,
33.8915

■ 30.8314, 32.8508,
36.1263

■ 33.9783, 34.4694,
36.4420

■ 37.5235, 36.2933,
36.7770

■ 41.4803, 38.3293,
37.1317

■ 45.8614, 40.5841,
37.5068

Harmonies

Analogous

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



20.5654, 27.5659, 25.4538



20.5452, 27.5659, 34.8097



21.9502, 27.5659, 44.6058

Triad

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



20.5452, 27.5659, 34.8097



30.8946, 27.5659, 44.8476



27.9175, 27.5659, 15.7228

Complementary

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



20.5452, 27.5659, 34.8097



17.4645, 12.4880, 8.3283

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.



30.9669, 27.5659, 19.0127



20.5452, 27.5659, 34.8097



32.7812, 27.5659, 35.0899

Square

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



20.5452, 27.5659, 34.8097



27.8253, 27.5659, 51.1725



32.8088, 27.5659, 25.6814



24.6403, 27.5659, 15.6788

Rectangle

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



20.5452, 27.5659, 34.8097



23.5795, 27.5659, 49.5223



32.8088, 27.5659, 25.6814



29.0090, 27.5659, 16.4493

Sweetspot

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



20.5460, 27.5670, 34.8103



49.2697, 56.2056, 64.8789



16.1644, 25.8392, 10.6146



10.6601, 12.2745, 14.2551



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.5460, 27.5670, 34.8103



35.0586, 48.9116, 62.7667



15.2727, 16.7512, 33.8821



6.8149, 7.5067, 8.4596



14.4756, 21.4582, 27.9254



0.2608, 0.3845, 0.5097

Inverse Universe

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



17.4645, 12.4880, 8.3283



28.8480, 18.4938, 9.3736



20.7709, 19.2106, 9.0923



6.6393, 6.6486, 6.9517



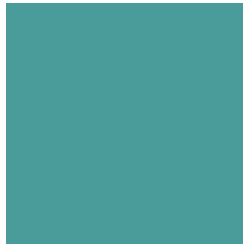
11.3122, 5.8294, 0.6291



0.2040, 0.1049, 0.0202

Previews

White Background



This preview shows how the XYZ color 20.5452, 27.5659, 34.8097 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5452, 27.5659, 34.8097 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 × Fail

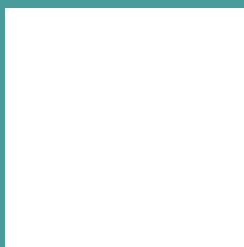
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5452, 27.5659, 34.8097

Background



This preview shows how black text looks on a background with the XYZ color 20.5452, 27.5659, 34.8097.

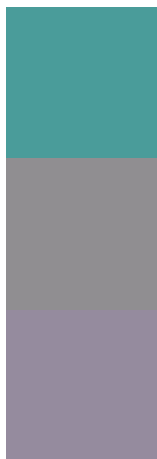


This preview shows how white text looks on a background with the XYZ color 20.5452, 27.5659,

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

20.5452, 27.5659, 34.8097

Protanopia

26.2854, 27.3196, 30.6759

Deuteranopia

27.7986, 27.3234, 36.1566



Tritanopia

21.6725, 27.5209, 40.7290

Trichromacy



Original Color

20.5452, 27.5659, 34.8097

Protanomaly

23.3868, 26.9275, 31.9819

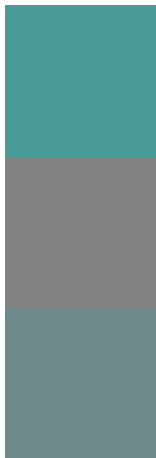
Deuteranomaly

24.2372, 26.8227, 35.7981

Tritanomaly

21.3035, 27.6291, 38.3926

Monochromacy



Original Color

20.5452, 27.5659, 34.8097

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.4687, 23.9352, 27.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5452, 27.5659, 34.8097 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(74, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(74, 156, 154)  
}
```

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(74, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 156, 154) }
```

Border

The CSS property to change the border of an element to XYZ 20.5452, 27.5659, 34.8097 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(74, 156, 154) }
```


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

```
.border{ border-color:rgb(74, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(74, 156,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5452, 27.5659, 34.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 156, 154) }
```

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

```
.background{ background-color: rgb(74, 156,  
154) }
```

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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