

Converting Colors

XYZ(20.1349, 25.9397, 32.3401)

Have a look what the booklet for
XYZ(20.1349, 25.9397, 32.3401)
contains.

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Color

**XYZ(20.1689, 25.9611,
32.3817)**

Conversions

Conversions Part 1	
Format	Color
Hex	569695
RGB	86, 150, 149
RGB Percent	34%, 59%, 58%
CMY	0.6627, 0.4118, 0.4157
CMYK	0.43, 0.00, 0.01, 0.41
HSL	179°, 27%, 46%
HSV	179°, 43%, 59%
XYZ	20.1689, 25.9611, 32.3817
YIQ	130.7500, -37.8230, -13.8790

Conversions

Conversions Part 2

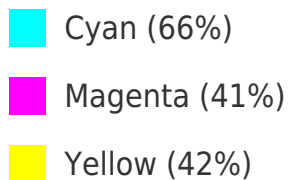
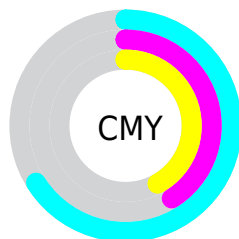
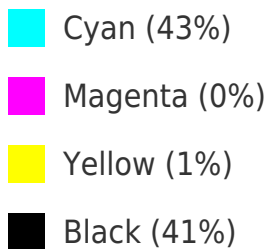
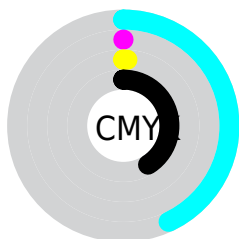
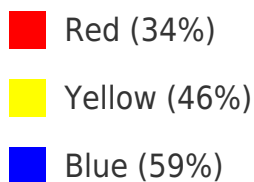
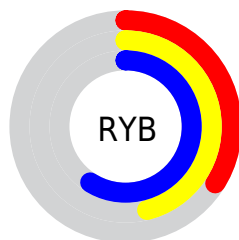
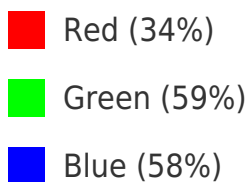
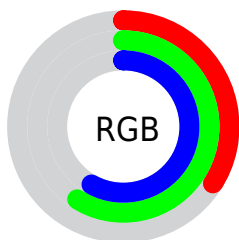
Format	Color
RYB	86, 118, 150
Decimal	5674645
CIELab	58.00, -20.74, -5.91
CIELCh	58, 21.562, 195.914
Yxy	25.9611, 0.2569, 0.3307
Android (android.graphics.Color)	4283864725 (0xFF569695)
YUV	130.7500, 8.9972, -39.2458
Hunter-Lab	50.9520, -18.5085, -2.0143

Details

The XYZ color **20.1689, 25.9611, 32.3817** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6267, 13.8284, 10.7579**, and the grayscale version is **21.4635, 22.5813, 24.5910**.

A 20% lighter version of the original color is **43.1876, 53.0730, 64.4678**, and **7.2315, 10.0968, 13.1230** is the 20% darker color. If you saturate the color by 10%, you get **18.9116, 25.3158, 32.2256**, and if you desaturate by 10%, it is **21.7176, 26.7579, 32.5527**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 20.1689, 25.9611, 32.3817 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 20.1689, 25.9611, 32.3817 by changing the saturation by 10% instead.


 20.1689, 25.9611,
32.3817


 20.1689, 25.9611,
32.3817


245.6442,
282.5911, 327.4005


 12.6269, 16.7945,
21.3860

 43.2020, 53.2122,
64.5138


 7.2473, 10.0881,
13.2124


 59.4237, 72.0655,
86.4873

 3.6650, 5.4574,
7.4426


 79.2694, 94.9165,
112.9572

 1.5144, 2.5181,
3.6578

 103.1043,
122.1496, 144.3419

 0.3356, 0.8857,
1.4395

131.2939,
154.1493, 181.0601

 0.0000, 0.0000,
0.1723


164.2035,


 0.0000, 0.0000,


191.2998, 223.5302


0.0000


202.1985,
233.9856, 272.1708


 20.1689, 25.9611,
32.3817


 20.1689, 25.9611,
32.3817

 18.9116, 25.3158,
32.2256


 21.7176, 26.7579,
32.5527


 17.9253, 24.8094,
32.0819


 23.5721, 27.7118,
32.7377


 17.1901, 24.4326,
31.9501


 25.7487, 28.8317,
32.9379


 16.6830, 24.1733,
31.8292

 28.2617, 30.1250,
33.1541

 16.3764, 24.0174,
31.7178


 31.1247, 31.5987,
33.3869

 16.2248, 23.9408,
31.6397

 34.3503, 33.2594,
33.6368

 37.9509, 35.1134,
33.9045

 41.9378, 37.1666,
34.1904

 46.3223, 39.4246,
34.4952

Harmonies

Analogous

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



20.1328, 25.9611, 24.9206



20.1689, 25.9611, 32.3817



21.3548, 25.9611, 39.8618

Triad

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



20.1689, 25.9611, 32.3817



28.4471, 25.9611, 39.4567



25.9133, 25.9611, 16.5206

Complementary

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



20.1689, 25.9611, 32.3817



17.6267, 13.8284, 10.7579

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.



28.3232, 25.9611, 19.1720



20.1689, 25.9611, 32.3817



29.8542, 25.9611, 31.9008

Square

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



20.1689, 25.9611, 32.3817



26.0729, 25.9611, 44.4110



29.8073, 25.9611, 24.5169



23.3284, 25.9611, 16.6034

Rectangle

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



20.1689, 25.9611, 32.3817



22.6888, 25.9611, 43.4735



29.8073, 25.9611, 24.5169



26.7744, 25.9611, 17.0982

Sweetspot

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



20.1697, 25.9621, 32.3823



45.1960, 50.7545, 58.1041



16.5235, 24.5151, 12.6656



9.8346, 11.1545, 12.8604



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.1697, 25.9621, 32.3823



33.5051, 44.7424, 56.8863



15.9483, 17.3908, 31.3716



5.9602, 6.5607, 7.4015



13.4571, 19.8556, 26.2464



0.1657, 0.2434, 0.3266

Inverse Universe

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



17.6267, 13.8284, 10.7579



28.4205, 20.4744, 13.6437



20.6118, 19.8639, 11.5523



5.8043, 5.8168, 6.0754



10.4435, 5.3824, 0.5504



0.1286, 0.0662, 0.0106

Previews

White Background



This preview shows how the XYZ color 20.1689, 25.9611, 32.3817 looks on a white background.

Color Contrast Check

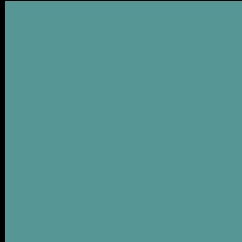
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1689, 25.9611, 32.3817 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 20.1689, 25.9611, 32.3817

Background



This preview shows how black text looks on a background with the XYZ color 20.1689, 25.9611, 32.3817.

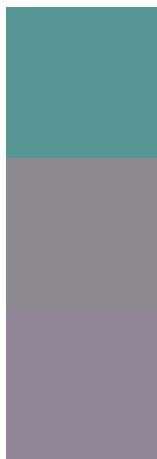


This preview shows how white text looks on a background with the XYZ color 20.1689, 25.9611,

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

20.1689, 25.9611, 32.3817

Protanopia

24.7862, 25.7054, 29.2465

Deuteranopia

26.1855, 25.7059, 33.2874



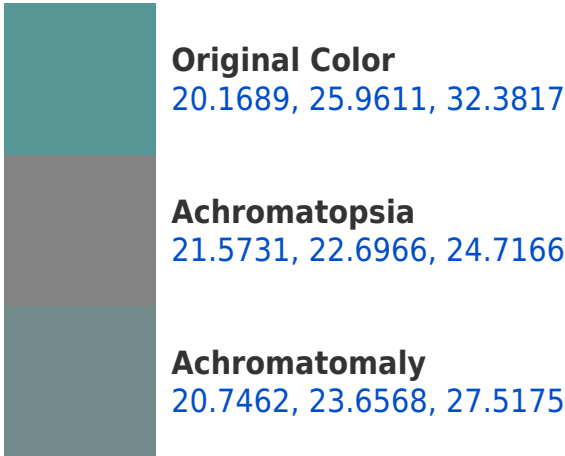
Tritanopia

21.0549, 25.8417, 37.1359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1689, 25.9611, 32.3817 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(86, 150, 149)` looks like.

```
.text, #text, p{  
    color:rgb(86, 150, 149)  
}
```

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(86, 150, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 150, 149) }
```

Border

The CSS property to change the border of an element to XYZ 20.1689, 25.9611, 32.3817 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(86, 150, 149) }
```


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

```
.border{ border-color:rgb(86, 150, 149) }
```

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

Here you see how a box with a 4 pixel rgb(86, 150, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 150, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 150, 149);  
box-shadow:4px 4px 4px 4px rgb(86, 150,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1689, 25.9611, 32.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 150, 149) }
```

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

```
.background{ background-color: rgb(86, 150,  
149) }
```

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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