

Converting Colors

XYZ(17.2229, 20.0189, 25.5109)

Have a look what the booklet for
XYZ(17.2229, 20.0189, 25.5109)
contains.

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Color

**XYZ(17.1903, 20.0184,
25.5122)**

Conversions

Conversions Part 1

Format	Color
Hex	628186
RGB	98, 129, 134
RGB Percent	38%, 51%, 53%
CMY	0.6157, 0.4941, 0.4745
CMYK	0.27, 0.04, 0.00, 0.47
HSL	188°, 16%, 45%
HSV	188°, 27%, 53%
XYZ	17.1903, 20.0184, 25.5122
YIQ	120.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

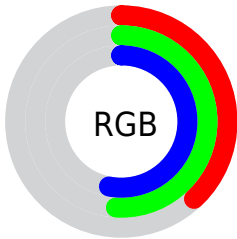
Format	Color
R _Y B	98, 115, 134
Decimal	6455686
CIE Lab	51.86, -9.73, -6.30
CIE LCh	52, 11.594, 212.929
Yxy	20.0184, 0.2741, 0.3192
Android (android.graphics.Color)	4284645766 (0xFF628186)
YUV	120.3010, 6.7536, -19.5580
Hunter-Lab	44.7419, -9.7169, -2.4883

Details

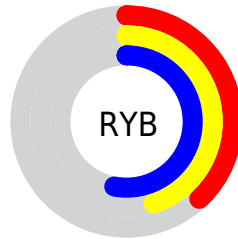
The XYZ color **17.1903, 20.0184, 25.5122** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8866, 15.6507, 13.6865**, and the grayscale version is **17.9330, 18.8670, 20.5461**.

A 20% lighter version of the original color is **38.2753, 43.5278, 53.3981**, and **5.7843, 7.0555, 9.4445** is the 20% darker color. If you saturate the color by 10%, you get **15.6211, 18.8494, 25.3696**, and if you desaturate by 10%, it is **19.0072, 21.3227, 25.6685**.

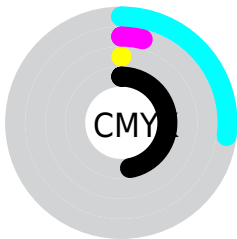
Distribution



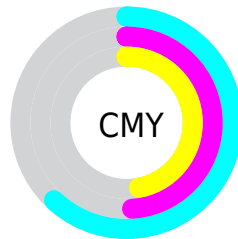
- Red (38%)
- Green (51%)
- Blue (53%)



- Red (38%)
- Yellow (45%)
- Blue (53%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1903, 20.0184, 25.5122 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 17.1903, 20.0184, 25.5122 by changing the saturation by 10% instead.

■ 17.1903, 20.0184,
25.5122

■ 17.1903, 20.0184,
25.5122

229.4016,
252.0147, 293.9081

■ 10.4664, 12.4084,
16.2366

■ 38.1937, 43.4480,
53.4613

■ 5.7739, 7.0225,
9.5356

■ 53.2039, 60.0365,
72.9719

■ 2.7474, 3.4762,
4.9906

■ 71.7069, 80.3865,
96.7313

■ 1.0217, 1.3851,
2.1831

■ 94.0681, 104.8826,
125.1579

■ 0.0000, 0.2057,
0.6646

120.6528,
133.9090, 158.6704

■ 0.0000, 0.0000,
0.0000

151.8263,

167.8503, 197.6872

187.9542,
207.0907, 242.6269

■ 17.1903, 20.0184,
25.5122

■ 17.1903, 20.0184,
25.5122

■ 15.6211, 18.8494,
25.3696

■ 19.0072, 21.3227,
25.6685

■ 14.2858, 17.8071,
25.2388

■ 21.0814, 22.7658,
25.8378

■ 13.1718, 16.8855,
25.1196

■ 23.4238, 24.3539,
26.0208

■ 12.2648, 16.0770,
25.0114

■ 26.0445, 26.0921,
26.2182

■ 11.5487, 15.3735,
24.9133

■ 28.9529, 27.9855,
26.4304

■ 11.0047, 14.7651,
24.8246

■ 32.1579, 30.0385,
26.6577

■ 10.5987, 14.2343,
24.7435

■ 35.6682, 32.2557,
26.9007

■ 10.4791, 14.0732,
24.7187

■ 39.4919, 34.6414,
27.1596

■ 43.6370, 37.1997,
27.4350

Harmonies

Analogous

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



16.8556, 20.0184, 22.1294



17.1903, 20.0184, 25.5122



18.0157, 20.0184, 28.0906

Triad

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



17.1903, 20.0184, 25.5122



21.1135, 20.0184, 24.8806



18.9115, 20.0184, 15.9446

Complementary

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



17.1903, 20.0184, 25.5122



16.8866, 15.6507, 13.6865

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.



20.0753, 20.0184, 16.5209



17.1903, 20.0184, 25.5122



21.3771, 20.0184, 21.4672

Square

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



17.1903, 20.0184, 25.5122



20.2835, 20.0184, 27.7003



20.9898, 20.0184, 18.4606



17.8233, 20.0184, 16.7977

Rectangle

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



17.1903, 20.0184, 25.5122



18.7497, 20.0184, 28.8803



20.9898, 20.0184, 18.4606



19.3068, 20.0184, 15.9778

Sweetspot

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



17.1909, 20.0192, 25.5127



36.6372, 39.7629, 45.4824



16.0006, 20.6225, 15.9169



8.1401, 8.8796, 10.2376



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1909, 20.0192, 25.5127



28.6218, 34.0400, 44.8002



15.0467, 15.7308, 24.7979



4.7480, 5.1716, 5.9487



9.8260, 13.1999, 23.1666



0.0378, 0.0533, 0.0815

Inverse Universe

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



18.1621, 15.3891, 22.7829



30.6453, 24.6081, 39.0649



18.8496, 19.5767, 14.3408



4.8308, 4.7520, 5.7215



12.1378, 5.9195, 15.8301



0.0440, 0.0213, 0.0648

Previews

White Background



This preview shows how the XYZ color 17.1903, 20.0184, 25.5122 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 17.1903, 20.0184, 25.5122 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

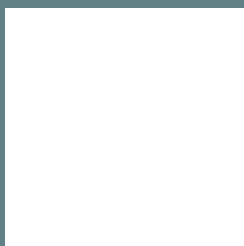
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1903, 20.0184, 25.5122

Background



This preview shows how black text looks on a background with the XYZ color 17.1903, 20.0184, 25.5122.



This preview shows how white text looks on a background with the XYZ color 17.1903, 20.0184,

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

17.1903, 20.0184, 25.5122

Protanopia

19.2806, 19.9886, 23.9611

Deuteranopia

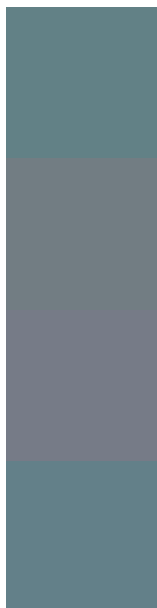
20.2137, 19.8776, 26.0639



Tritanopia

17.5250, 19.9551, 27.3541

Trichromacy



Original Color

17.1903, 20.0184, 25.5122

Protanomaly

18.3698, 19.8833, 24.3424

Deuteranomaly

18.9273, 19.7667, 25.7395

Tritanomaly

17.3801, 19.8971, 26.5914

Monochromacy



Original Color

17.1903, 20.0184, 25.5122

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4667, 19.0913, 22.1664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1903, 20.0184, 25.5122 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, 129, 134) looks like.

```
.text, #text, p{  
    color:rgb(98, 129, 134)  
}
```

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, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 129, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.1903, 20.0184, 25.5122 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, 129, 134) }
```


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

```
.border{ border-color:rgb(98, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(98, 129,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1903, 20.0184, 25.5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 129, 134) }
```

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

```
.background{ background-color: rgb(98, 129,  
134) }
```

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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