

Converting Colors

XYZ(17.1669, 20.2575, 24.1715)

Have a look what the booklet for
XYZ(17.1669, 20.2575, 24.1715)
contains.

XYZ(17.1575, 20.2296, 24.1195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1575, 20.2296,
24.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	638282
RGB	99, 130, 130
RGB Percent	39%, 51%, 51%
CMY	0.6118, 0.4902, 0.4902
CMYK	0.24, 0.00, 0.00, 0.49
HSL	180°, 14%, 45%
HSV	180°, 24%, 51%
XYZ	17.1575, 20.2296, 24.1195
YIQ	120.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

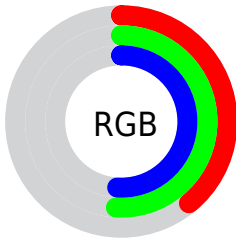
Format	Color
R_{YB}	99, 115, 130
Decimal	6521474
CIE _{Lab}	52.10, -10.94, -3.61
CIE _{LCh}	52, 11.516, 198.252
Yxy	20.2296, 0.2790, 0.3289
Android (android.graphics.Color)	4284711554 (0xFF638282)
YUV	120.7310, 4.5696, -19.0581
Hunter-Lab	44.9773, -10.6179, -0.3107

Details

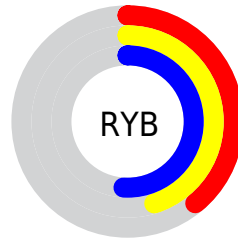
The XYZ color **17.1575, 20.2296, 24.1195** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9206, 14.5710, 13.7786**, and the grayscale version is **18.0777, 19.0191, 20.7118**.

A 20% lighter version of the original color is **38.2432, 43.8652, 51.2509**, and **5.7929, 7.1827, 8.8657** is the 20% darker color. If you saturate the color by 10%, you get **15.8502, 19.5562, 24.0585**, and if you desaturate by 10%, it is **18.6947, 21.0226, 24.1921**.

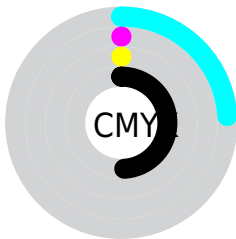
Distribution



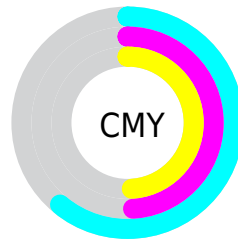
- Red (39%)
- Green (51%)
- Blue (51%)



- Red (39%)
- Yellow (45%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1575, 20.2296, 24.1195 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 17.1575, 20.2296, 24.1195 by changing the saturation by 10% instead.

■ 17.1575, 20.2296,
24.1195

■ 17.1575, 20.2296,
24.1195

229.2170,
253.1554, 286.7301

■ 10.4428, 12.5621,
15.2093

■ 38.1378, 43.8018,
51.1714

■ 5.7581, 7.1277,
8.8181

■ 53.1342, 60.4752,
70.1502

■ 2.7378, 3.5421,
4.5276

■ 71.6219, 80.9194,
93.3222

■ 1.0167, 1.4209,
1.9190

■ 93.9662, 105.5187,
121.1060

■ 0.0000, 0.2320,
0.5048

120.5325,
134.6576, 153.9202

■ 0.0000, 0.0000,
0.0000

151.6862,

168.7204, 192.1832

187.7925,
208.0915, 236.3137

■ 17.1575, 20.2296,
24.1195

■ 17.1575, 20.2296,
24.1195

■ 15.8502, 19.5562,
24.0585

■ 18.6947, 21.0226,
24.1921

■ 14.7600, 18.9942,
24.0073

■ 20.4702, 21.9379,
24.2754

■ 13.8757, 18.5383,
23.9656

■ 22.4941, 22.9812,
24.3704

■ 13.1844, 18.1820,
23.9331

■ 24.7755, 24.1573,
24.4774

■ 12.6718, 17.9177,
23.9088

■ 27.3230, 25.4706,
24.5968

■ 12.3213, 17.7370,
23.8922

■ 30.1448, 26.9253,
24.7291

■ 12.1121, 17.6292,
23.8822

■ 33.2487, 28.5254,
24.8746

■ 12.0120, 17.5775,
23.8773

■ 36.6423, 30.2749,
25.0337

■ 40.3328, 32.1774,
25.2066

Harmonies

Analogous

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



17.0960, 20.2296, 20.7331



17.1575, 20.2296, 24.1195



17.7598, 20.2296, 27.2246

Triad

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



17.1575, 20.2296, 24.1195



20.9660, 20.2296, 26.6302



19.6921, 20.2296, 16.2709

Complementary

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



17.1575, 20.2296, 24.1195



15.9206, 14.5710, 13.7786

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.



20.7742, 20.2296, 17.5363



17.1575, 20.2296, 24.1195



21.5295, 20.2296, 23.3728

Square

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



17.1575, 20.2296, 24.1195



19.9452, 20.2296, 28.7729



21.4579, 20.2296, 20.0584



18.5275, 20.2296, 16.4270

Rectangle

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



17.1575, 20.2296, 24.1195



18.4012, 20.2296, 28.6116



21.4579, 20.2296, 20.0584



20.0784, 20.2296, 16.5384

Sweetspot

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



17.1581, 20.2304, 24.1200



34.9649, 38.0743, 42.6984



15.4376, 19.5488, 14.7645



7.8825, 8.6016, 9.6631



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.1581, 20.2304, 24.1200



28.8293, 34.9113, 42.4104



15.3081, 16.5303, 23.5038



4.4464, 4.8869, 5.5221



11.5171, 16.8534, 22.8937



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9206, 14.5710, 13.7786



26.2277, 23.0130, 20.6688



17.4742, 17.6783, 14.2961



4.3278, 4.3443, 4.5306



8.8271, 4.5505, 0.4133



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1575, 20.2296, 24.1195 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 17.1575, 20.2296, 24.1195 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

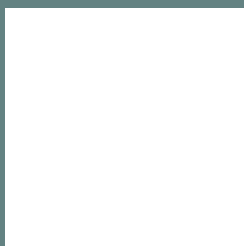
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1575, 20.2296, 24.1195

Background



This preview shows how black text looks on a background with the XYZ color 17.1575, 20.2296, 24.1195.



This preview shows how white text looks on a background with the XYZ color 17.1575, 20.2296,

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

17.1575, 20.2296, 24.1195

Protanopia

19.3063, 20.0322, 22.5877

Deuteranopia

20.3970, 20.0044, 24.6160



Tritanopia

17.8773, 20.3313, 27.4082

Trichromacy



Original Color

17.1575, 20.2296, 24.1195

Protanomaly

18.4941, 20.1670, 22.9966

Deuteranomaly

19.0501, 20.0471, 24.3382

Tritanomaly

17.5497, 20.1874, 26.2641

Monochromacy



Original Color

17.1575, 20.2296, 24.1195

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6558, 19.3812, 21.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1575, 20.2296, 24.1195 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(99, 130, 130) looks like.

```
.text, #text, p{  
    color:rgb(99, 130, 130)  
}
```

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(99, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.1575, 20.2296, 24.1195 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(99, 130, 130) }
```


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

```
.border{ border-color:rgb(99, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(99, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1575, 20.2296, 24.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 130, 130) }
```

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

```
.background{ background-color: rgb(99, 130,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor