

Converting Colors

XYZ(17.4970, 20.1143, 28.7528)

Have a look what the booklet for
XYZ(17.4970, 20.1143, 28.7528)
contains.

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Color

**XYZ(17.5275, 20.1166,
28.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	5F818F
RGB	95, 129, 143
RGB Percent	37%, 51%, 56%
CMY	0.6274, 0.4941, 0.4392
CMYK	0.34, 0.10, 0.00, 0.44
HSL	197°, 20%, 47%
HSV	197°, 34%, 56%
XYZ	17.5275, 20.1166, 28.9457
YIQ	120.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

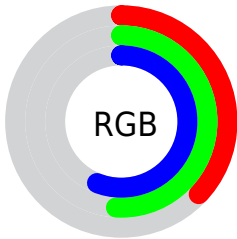
Format	Color
R_{YB}	95, 115, 143
Decimal	6259087
CIE _{Lab}	51.97, -8.37, -11.41
CIE _{LCh}	52, 14.153, 233.735
Yxy	20.1166, 0.2632, 0.3021
Android (android.graphics.Color)	4284449167 (0xFF5F818F)
YUV	120.4300, 11.1270, -22.3021
Hunter-Lab	44.8515, -8.7343, -6.8677

Details

The XYZ color **17.5275, 20.1166, 28.9457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8622, 17.6033, 13.2306**, and the grayscale version is **17.9620, 18.8974, 20.5793**.

A 20% lighter version of the original color is **38.8386, 43.6902, 59.2094**, and **5.9712, 7.1085, 11.4133** is the 20% darker color. If you saturate the color by 10%, you get **15.6382, 18.3441, 28.7035**, and if you desaturate by 10%, it is **19.7131, 22.0761, 29.2091**.

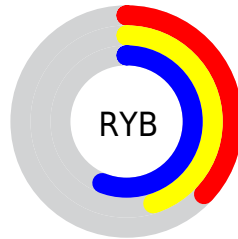
Distribution



Red (37%)

Green (51%)

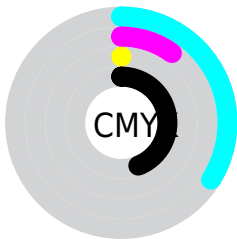
Blue (56%)



Red (37%)

Yellow (45%)

Blue (56%)

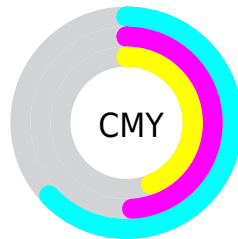


Cyan (34%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5275, 20.1166, 28.9457 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 17.5275, 20.1166, 28.9457 by changing the saturation by 10% instead.

■ 17.5275, 20.1166,
28.9457

■ 17.5275, 20.1166,
28.9457

231.2916,
252.5456, 311.0116

■ 10.7089, 12.4798,
18.7945

■ 38.7670, 43.6126,
59.0320

■ 5.9373, 7.0713,
11.3466

■ 53.9186, 60.2406,
79.8041

■ 2.8473, 3.5068,
6.1834

■ 72.5785, 80.6345,
104.9537

■ 1.0735, 1.4017,
2.8863

■ 95.1122, 105.1786,
134.8992

■ 0.0028, 0.2180,
1.0369

121.8850,
134.2574, 170.0592

■ 0.0000, 0.0000,
0.0000

153.2623,

168.2552, 210.8523

189.6094,
207.5565, 257.6969

■ 17.5275, 20.1166,
28.9457

■ 17.5275, 20.1166,
28.9457

■ 15.6382, 18.3441,
28.7035

■ 19.7131, 22.0761,
29.2091

■ 14.0283, 16.7481,
28.4803

■ 22.2074, 24.2278,
29.4929

■ 12.6816, 15.3203,
28.2757

■ 25.0239, 26.5798,
29.7985

■ 11.5797, 14.0508,
28.0887

■ 28.1751, 29.1387,
30.1263

■ 10.7014, 12.9282,
27.9183

■ 31.6726, 31.9110,
30.4771

■ 10.0215, 11.9391,
27.7632

■ 35.5276, 34.9027,
30.8513

■ 9.6405, 11.3482,
27.6693

■ 39.7505, 38.1195,
31.2497

■ 44.3515, 41.5672,
31.6726

■ 49.3404, 45.2510,
32.1207

Harmonies

Analogous

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



16.6941, 20.1166, 25.2557



17.5275, 20.1166, 28.9457



18.8194, 20.1166, 30.7772

Triad

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



17.5275, 20.1166, 28.9457



22.0091, 20.1166, 22.7810



18.0264, 20.1166, 15.4123

Complementary

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



17.5275, 20.1166, 28.9457



18.8622, 17.6033, 13.2306

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.



19.4242, 20.1166, 14.9240



17.5275, 20.1166, 28.9457



21.7707, 20.1166, 18.8620

Square

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



17.5275, 20.1166, 28.9457



21.4427, 20.1166, 26.9412



20.8066, 20.1166, 16.1076



16.9718, 20.1166, 17.5366

Rectangle

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



17.5275, 20.1166, 28.9457



19.7858, 20.1166, 30.5525



20.8066, 20.1166, 16.1076



18.4698, 20.1166, 15.0635

Sweetspot

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



17.5281, 20.1174, 28.9462



41.3957, 44.7599, 52.9958



17.2810, 23.1738, 17.9180



9.3511, 10.1451, 12.1376



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5281, 20.1174, 28.9462



28.8750, 33.6827, 51.5176



14.7701, 14.6014, 28.0268



5.4292, 5.8542, 6.8726



8.5425, 10.0710, 24.4707



0.1007, 0.1344, 0.2403

Inverse Universe

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



19.3829, 15.6096, 22.7611



32.7864, 24.6740, 38.3626



21.7265, 23.3320, 14.1854



5.5601, 5.4846, 6.4476



12.1150, 6.0030, 11.5227



0.1254, 0.0612, 0.1608

Previews

White Background



This preview shows how the XYZ color 17.5275, 20.1166, 28.9457 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 17.5275, 20.1166, 28.9457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

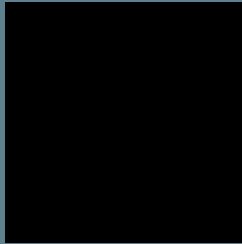
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

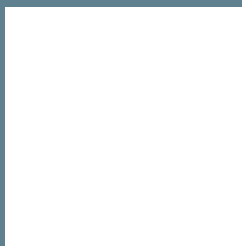
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5275, 20.1166, 28.9457

Background



This preview shows how black text looks on a background with the XYZ color 17.5275, 20.1166, 28.9457.



This preview shows how white text looks on a background with the XYZ color 17.5275, 20.1166,

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

17.5275, 20.1166, 28.9457

Protanopia

19.6283, 20.0949, 27.2703

Deuteranopia

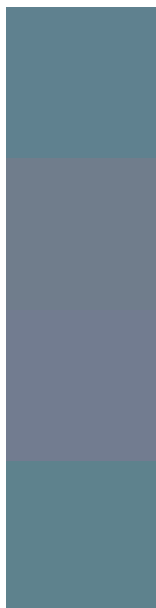
20.4057, 20.0791, 29.5882



Tritanopia

17.3323, 20.2384, 27.8038

Trichromacy



Original Color

17.5275, 20.1166, 28.9457

Protanomaly

18.7493, 20.0054, 27.6842

Deuteranomaly

19.1811, 20.0063, 29.2362

Tritanomaly

17.4064, 20.2680, 28.1940

Monochromacy



Original Color

17.5275, 20.1166, 28.9457

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5348, 19.1039, 23.1853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5275, 20.1166, 28.9457 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(95, 129, 143) looks like.

```
.text, #text, p{  
    color:rgb(95, 129, 143)  
}
```

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(95, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 129, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.5275, 20.1166, 28.9457 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(95, 129, 143) }
```


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

```
.border{ border-color:rgb(95, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(95, 129,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5275, 20.1166, 28.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 129, 143) }
```

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

```
.background{ background-color: rgb(95, 129,  
143) }
```

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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