

Converting Colors

XYZ(17.5829, 20.4974, 27.9180)

Have a look what the booklet for
XYZ(17.5829, 20.4974, 27.9180)
contains.

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Color

**XYZ(17.5692, 20.5589,
27.8532)**

Conversions

Conversions Part 1

Format	Color
Hex	5F838C
RGB	95, 131, 140
RGB Percent	37%, 51%, 55%
CMY	0.6274, 0.4863, 0.4510
CMYK	0.32, 0.06, 0.00, 0.45
HSL	192°, 19%, 46%
HSV	192°, 32%, 55%
XYZ	17.5692, 20.5589, 27.8532
YIQ	121.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

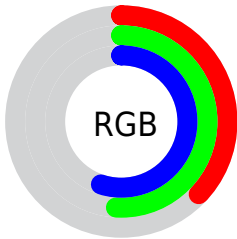
Format	Color
R _Y B	95, 115, 140
Decimal	6259596
CIE Lab	52.46, -10.28, -8.92
CIE LCh	52, 13.609, 220.955
Yxy	20.5589, 0.2663, 0.3116
Android (android.graphics.Color)	4284449676 (0xFF5F838C)
YUV	121.2620, 9.2378, -23.0318
Hunter-Lab	45.3419, -10.1827, -4.6821

Details

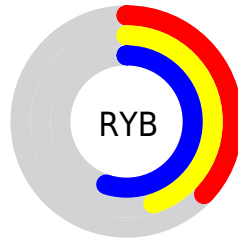
The XYZ color **17.5692, 20.5589, 27.8532** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8314, 16.3025, 13.0338**, and the grayscale version is **18.2358, 19.1855, 20.8930**.

A 20% lighter version of the original color is **38.9107, 44.3791, 57.5541**, and **5.9895, 7.3536, 10.7766** is the 20% darker color. If you saturate the color by 10%, you get **15.8728, 19.1342, 27.6680**, and if you desaturate by 10%, it is **19.5384, 22.1403, 28.0550**.

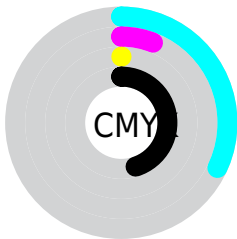
Distribution



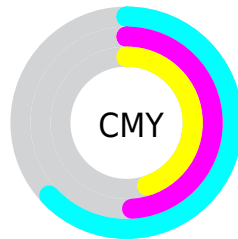
- Red (37%)
- Green (51%)
- Blue (55%)



- Red (37%)
- Yellow (45%)
- Blue (55%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5692, 20.5589, 27.8532 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 17.5692, 20.5589, 27.8532 by changing the saturation by 10% instead.

■ 17.5692, 20.5589,
27.8532

■ 17.5692, 20.5589,
27.8532

231.5243,
254.9249, 305.6546

■ 10.7390, 12.8020,
17.9770

■ 38.8377, 44.3523,
57.2703

■ 5.9576, 7.2923,
10.7642

■ 54.0067, 61.1575,
77.6482

■ 2.8597, 3.6456,
5.7963

■ 72.6860, 81.7475,
102.3637

■ 1.0800, 1.4773,
2.6548

■ 95.2410, 106.5069,
131.8354

■ 0.0083, 0.2727,
0.9206

122.0369,
135.8199, 166.4818

■ 0.0000, 0.0000,
0.0000

153.4392,

170.0710, 206.7214

189.8132,
209.6445, 252.9729

■ 17.5692, 20.5589,
27.8532

■ 17.5692, 20.5589,
27.8532

■ 15.8728, 19.1342,
27.6680

■ 19.5384, 22.1403,
28.0550

■ 14.4333, 17.8564,
27.4972

■ 21.7915, 23.8828,
28.2726

■ 13.2359, 16.7182,
27.3406

■ 24.3414, 25.7937,
28.5070

■ 12.2634, 15.7107,
27.1974

■ 27.1995, 27.8788,
28.7589

■ 11.4964, 14.8238,
27.0666

■ 30.3767, 30.1440,
29.0286

■ 10.9122, 14.0455,
26.9472

■ 33.8832, 32.5946,
29.3168

■ 10.5284, 13.4829,
26.8588

■ 37.7289, 35.2358,
29.6239

■ 41.9232, 38.0726,
29.9504

■ 46.4751, 41.1097,
30.2967

Harmonies

Analogous

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



17.0048, 20.5589, 23.8890



17.5692, 20.5589, 27.8532



18.6717, 20.5589, 30.5303

Triad

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



17.5692, 20.5589, 27.8532



22.2091, 20.5589, 25.0078



19.0314, 20.5589, 15.6117

Complementary

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



17.5692, 20.5589, 27.8532



17.8314, 16.3025, 13.0338

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.



20.4361, 20.5589, 15.8351



17.5692, 20.5589, 27.8532



22.3168, 20.5589, 20.9458

Square

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



17.5692, 20.5589, 27.8532



21.3667, 20.5589, 28.7563



21.6543, 20.5589, 17.6841



17.8216, 20.5589, 17.0322

Rectangle

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



17.5692, 20.5589, 27.8532



19.5857, 20.5589, 31.0532



21.6543, 20.5589, 17.6841



19.4956, 20.5589, 15.5019

Sweetspot

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



17.5698, 20.5597, 27.8537



39.2457, 42.7332, 49.9228



16.5586, 22.1738, 16.3055



8.9202, 9.7536, 11.4919



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.5698, 20.5597, 27.8537



28.6369, 34.2934, 48.8529



14.9487, 15.3175, 26.9800



5.0893, 5.5216, 6.4034



9.3687, 12.0078, 23.8696



0.0722, 0.0997, 0.1619

Inverse Universe

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



19.0046, 15.3990, 23.4442



31.6600, 23.8644, 39.4630



20.3101, 21.2599, 13.8600



5.1917, 5.1121, 6.0980



12.2157, 5.9964, 14.1722



0.0862, 0.0419, 0.1207

Previews

White Background



This preview shows how the XYZ color 17.5692, 20.5589, 27.8532 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 17.5692, 20.5589, 27.8532 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

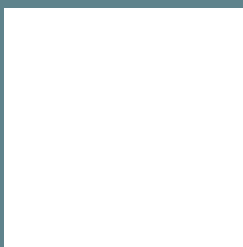
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5692, 20.5589, 27.8532

Background



This preview shows how black text looks on a background with the XYZ color 17.5692, 20.5589, 27.8532.



This preview shows how white text looks on a background with the XYZ color 17.5692, 20.5589,

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

17.5692, 20.5589, 27.8532

Protanopia

19.9638, 20.4780, 26.1930

Deuteranopia

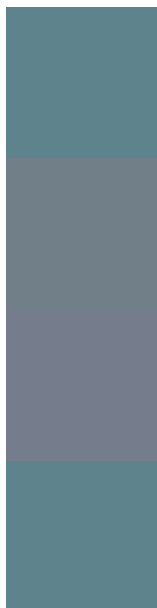
20.8953, 20.5392, 28.4543



Tritanopia

17.6433, 20.5886, 28.2434

Trichromacy



Original Color

17.5692, 20.5589, 27.8532

Protanomaly

18.9148, 20.4956, 26.6260

Deuteranomaly

19.4775, 20.3722, 28.1050

Tritanomaly

17.6433, 20.5886, 28.2434

Monochromacy



Original Color

17.5692, 20.5589, 27.8532

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9120, 19.6705, 23.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5692, 20.5589, 27.8532 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, 131, 140)` looks like.

```
.text, #text, p{  
    color:rgb(95, 131, 140)  
}
```

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, 131, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 131, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.5692, 20.5589, 27.8532 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, 131, 140) }
```


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

```
.border{ border-color:rgb(95, 131, 140) }
```

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

Here you see how a box with a 4 pixel rgb(95, 131, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 131, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 131, 140);  
box-shadow:4px 4px 4px 4px rgb(95, 131,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5692, 20.5589, 27.8532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 131, 140) }
```

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

```
.background{ background-color: rgb(95, 131,  
140) }
```

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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