

Converting Colors

XYZ(17.8036, 20.2763, 28.1747)

Have a look what the booklet for
XYZ(17.8036, 20.2763, 28.1747)
contains.

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Color

**XYZ(17.8036, 20.2763,
28.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	63818D
RGB	99, 129, 141
RGB Percent	39%, 51%, 55%
CMY	0.6118, 0.4941, 0.4471
CMYK	0.30, 0.09, 0.00, 0.45
HSL	197°, 17%, 47%
HSV	197°, 30%, 55%
XYZ	17.8036, 20.2763, 28.1747
YIQ	121.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

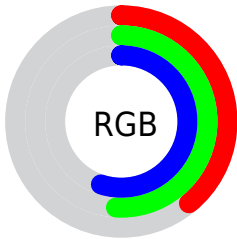
Format	Color
R_{YB}	99, 117, 141
Decimal	6521229
CIE _{Lab}	52.15, -7.66, -9.95
CIE _{LCh}	52, 12.556, 232.415
Yxy	20.2763, 0.2687, 0.3060
Android (android.graphics.Color)	4284711309 (0xFF63818D)
YUV	121.3980, 9.6638, -19.6430
Hunter-Lab	45.0292, -8.2260, -5.5772

Details

The XYZ color **17.8036, 20.2763, 28.1747** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9214, 17.9326, 14.2690**, and the grayscale version is **18.2780, 19.2299, 20.9414**.

A 20% lighter version of the original color is **39.3408, 43.9753, 58.0444**, and **6.0724, 7.1708, 10.9616** is the 20% darker color. If you saturate the color by 10%, you get **15.8756, 18.5106, 27.9358**, and if you desaturate by 10%, it is **20.0227, 22.2241, 28.4340**.

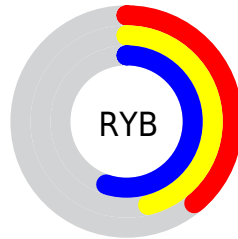
Distribution



Red (39%)

Green (51%)

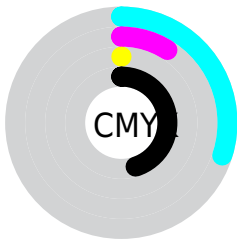
Blue (55%)



Red (39%)

Yellow (46%)

Blue (55%)

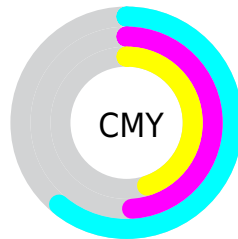


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8036, 20.2763, 28.1747 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 17.8036, 20.2763, 28.1747 by changing the saturation by 10% instead.

■ 17.8036, 20.2763,
28.1747

■ 17.8036, 20.2763,
28.1747

232.8288,
253.4070, 307.2389

■ 10.9079, 12.5960,
18.2172

■ 39.2351, 43.8799,
57.7897

■ 6.0718, 7.1510,
10.9350

■ 54.5016, 60.5721,
78.2843

■ 2.9298, 3.5567,
5.9095

■ 73.2891, 81.0370,
103.1283

■ 1.1168, 1.4288,
2.7222

■ 95.9629, 105.6591,
132.7403

■ 0.0391, 0.2378,
0.9546

122.8885,
134.8228, 167.5388

■ 0.0000, 0.0000,
0.0000

154.4310,

168.9124, 207.9424

190.9560,
208.3123, 254.3696

■ 17.8036, 20.2763,
28.1747

■ 17.8036, 20.2763,
28.1747

■ 15.8756, 18.5106,
27.9358

■ 20.0227, 22.2241,
28.4340

■ 14.2227, 16.9170,
27.7154

■ 22.5444, 24.3588,
28.7132

■ 12.8300, 15.4878,
27.5129

■ 25.3815, 26.6878,
29.0132

■ 11.6803, 14.2139,
27.3276

■ 28.5457, 29.2176,
29.3347

■ 10.7545, 13.0850,
27.1585

■ 32.0481, 31.9541,
29.6783

■ 10.0299, 12.0891,
27.0045

■ 35.8992, 34.9030,
30.0445

■ 9.4464, 11.1948,
26.8626

■ 40.1089, 38.0700,
30.4340

■ 9.4343, 11.1762,
26.8597

■ 44.6870, 41.4602,
30.8470

■ 49.6427, 45.0788,
31.2843

Harmonies

Analogous

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



17.0765, 20.2763, 24.8878



17.8036, 20.2763, 28.1747



18.9477, 20.2763, 29.8628

Triad

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



17.8036, 20.2763, 28.1747



21.8270, 20.2763, 23.0249



18.3449, 20.2763, 16.1595

Complementary

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



17.8036, 20.2763, 28.1747



18.9214, 17.9326, 14.2690

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.



19.6001, 20.2763, 15.7785



17.8036, 20.2763, 28.1747



21.6481, 20.2763, 19.4870

Square

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



17.8036, 20.2763, 28.1747



21.2976, 20.2763, 26.6819



20.8190, 20.2763, 16.9302



17.3792, 20.2763, 18.0357

Rectangle

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



17.8036, 20.2763, 28.1747



19.8083, 20.2763, 29.7363



20.8190, 20.2763, 16.9302



18.7455, 20.2763, 15.8614

Sweetspot

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



17.8042, 20.2771, 28.1752



40.6582, 43.8596, 51.4507



17.5347, 22.8483, 18.4966



8.9422, 9.6804, 11.4766



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.



17.8042, 20.2771, 28.1752



29.4182, 34.0694, 50.1534



15.3269, 15.3225, 27.3494



5.4319, 5.8595, 6.8735



8.6161, 10.2182, 24.4953



0.1012, 0.1354, 0.2405

Inverse Universe

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



19.4093, 16.1719, 22.8683



32.8575, 25.6877, 38.6892



21.4748, 23.0394, 15.1201



5.5615, 5.4851, 6.4546



12.1521, 6.0179, 11.7183



0.1257, 0.0613, 0.1621

Previews

White Background



This preview shows how the XYZ color 17.8036, 20.2763, 28.1747 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 17.8036, 20.2763, 28.1747 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

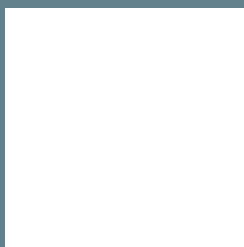
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8036, 20.2763, 28.1747

Background



This preview shows how black text looks on a background with the XYZ color 17.8036, 20.2763, 28.1747.



This preview shows how white text looks on a background with the XYZ color 17.8036, 20.2763,

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

17.8036, 20.2763, 28.1747

Protanopia

19.6244, 20.1096, 26.5141

Deuteranopia

20.5477, 20.1699, 28.7968



Tritanopia

17.7295, 20.2466, 27.7845

Trichromacy



Original Color

17.8036, 20.2763, 28.1747

Protanomaly

18.8605, 20.0796, 26.9265

Deuteranomaly

19.4263, 20.1502, 28.4567

Tritanomaly

17.7295, 20.2466, 27.7845

Monochromacy



Original Color

17.8036, 20.2763, 28.1747

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9140, 19.4845, 23.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8036, 20.2763, 28.1747 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, 129, 141) looks like.

```
.text, #text, p{  
    color:rgb(99, 129, 141)  
}
```

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, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 129, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.8036, 20.2763, 28.1747 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, 129, 141) }
```


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

```
.border{ border-color:rgb(99, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 129,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8036, 20.2763, 28.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 129, 141) }
```

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

```
.background{ background-color: rgb(99, 129,  
141) }
```

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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