

Converting Colors

XYZ(17.4312, 25.7702, 20.8444)

Have a look what the booklet for
XYZ(17.4312, 25.7702, 20.8444)
contains.

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Color

**XYZ(17.4390, 25.7733,
20.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	489A75
RGB	72, 154, 117
RGB Percent	28%, 60%, 46%
CMY	0.7176, 0.3961, 0.5412
CMYK	0.53, 0.00, 0.24, 0.40
HSL	153°, 36%, 44%
HSV	153°, 53%, 60%
XYZ	17.4390, 25.7733, 20.8852
YIQ	125.2640, -36.9950, -28.8910

Conversions

Conversions Part 2

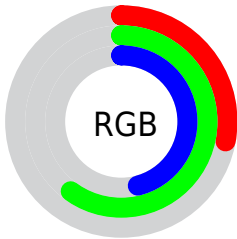
Format	Color
R_{YB}	72, 125, 154
Decimal	4758133
CIE _{Lab}	57.82, -34.08, 11.94
CIE _{LCh}	58, 36.107, 160.698
Yxy	25.7733, 0.2721, 0.4021
Android (android.graphics.Color)	4282948213 (0xFF489A75)
YUV	125.2640, -4.0742, -46.7125
Hunter-Lab	50.7674, -27.5268, 11.1459

Details

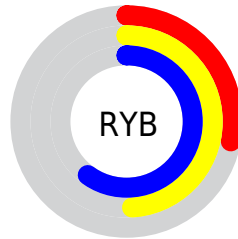
The XYZ color **17.4390, 25.7733, 20.8852** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.4050, 12.6095, 15.9329**, and the grayscale version is **19.6048, 20.6258, 22.4615**.

A 20% lighter version of the original color is **38.5661, 52.9011, 45.7144**, and **5.8881, 9.9647, 7.2433** is the 20% darker color. If you saturate the color by 10%, you get **16.0381, 25.0973, 18.7657**, and if you desaturate by 10%, it is **19.1592, 26.6118, 23.1791**.

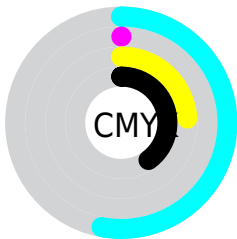
Distribution



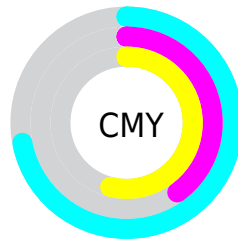
- Red (28%)
- Green (60%)
- Blue (46%)



- Red (28%)
- Yellow (49%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4390, 25.7733, 20.8852 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 17.4390, 25.7733, 20.8852 by changing the saturation by 10% instead.

■ 17.4390, 25.7733,
20.8852

■ 17.4390, 25.7733,
20.8852

230.7969,
281.6674, 269.4287

■ 10.6452, 16.6541,
12.8497

■ 38.6167, 52.9090,
45.7747

■ 5.8943, 9.9882,
7.1956

■ 53.7313, 71.6943,
63.4658

■ 2.8210, 5.3911,
3.5044

■ 72.3502, 94.4704,
85.2125

■ 1.0598, 2.4785,
1.3576

■ 94.8388, 121.6218,
111.4333

■ 0.0000, 0.8659,
0.1083

■ 121.5624,
153.5328, 142.5468

■ 0.0000, 0.0000,
0.0000

152.8864,

190.5878, 178.9715

189.1761,
233.1712, 221.1260

■ 17.4390, 25.7733,
20.8852

■ 17.4390, 25.7733,
20.8852

■ 16.0381, 25.0973,
18.7657

■ 19.1592, 26.6118,
23.1791

■ 14.9319, 24.5691,
16.8144

■ 21.2169, 27.6200,
25.6500

■ 14.0954, 24.1765,
15.0271

■ 23.6314, 28.8085,
28.3025

■ 13.4981, 23.9040,
13.3988

■ 26.4198, 30.1861,
31.1405

■ 13.1764, 23.7603,
12.3846

■ 29.5980, 31.7608,
34.1677

■ 33.1811, 33.5404,
37.3880

■ 37.1834, 35.5322,
40.8047

■ 41.6183, 37.7430,
44.4214

■ 46.4988, 40.1795,
48.2414

Harmonies

Analogous

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



19.4514, 25.7733, 13.5707



17.4390, 25.7733, 20.8852



17.1821, 25.7733, 32.7336

Triad

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



17.4390, 25.7733, 20.8852



26.0776, 25.7733, 58.6808



31.3789, 25.7733, 15.1925

Complementary

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



17.4390, 25.7733, 20.8852



18.4050, 12.6095, 15.9329

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.



33.6388, 25.7733, 23.8588



17.4390, 25.7733, 20.8852



30.3468, 25.7733, 50.3439

Square

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



17.4390, 25.7733, 20.8852



21.8422, 25.7733, 57.1772



33.2403, 25.7733, 36.7209



27.3581, 25.7733, 11.0185

Rectangle

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



17.4390, 25.7733, 20.8852



18.0029, 25.7733, 42.1063



33.2403, 25.7733, 36.7209



32.3900, 25.7733, 17.5507

Sweetspot

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



17.4397, 25.7743, 20.8858



46.3603, 54.0264, 54.9455



19.1898, 26.9124, 10.3145



10.2723, 12.1193, 12.2131



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.4397, 25.7743, 20.8858



28.6819, 45.3727, 33.3413



19.6157, 25.9311, 34.5444



6.2668, 6.9795, 7.3286



10.7529, 19.3646, 10.1856



0.1791, 0.2968, 0.2488

Inverse Universe

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



18.4050, 12.6095, 15.9329



30.6362, 18.8130, 23.3825



16.9949, 12.3346, 7.6164



6.3189, 6.2667, 7.0592



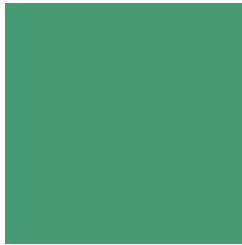
11.7626, 5.9593, 5.2749



0.1938, 0.0963, 0.1736

Previews

White Background



This preview shows how the XYZ color 17.4390, 25.7733, 20.8852 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 17.4390, 25.7733, 20.8852 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 17.4390, 25.7733, 20.8852

Background



This preview shows how black text looks on a background with the XYZ color 17.4390, 25.7733, 20.8852.



This preview shows how white text looks on a background with the XYZ color 17.4390, 25.7733,

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

17.4390, 25.7733, 20.8852

Protanopia

23.8814, 25.4841, 18.1282

Deuteranopia

25.8050, 25.3483, 21.9450



Tritanopia

20.6814, 25.6492, 37.1185

Trichromacy



Original Color

17.4390, 25.7733, 20.8852

Protanomaly

20.6436, 25.1094, 19.0878

Deuteranomaly

21.5192, 24.8414, 21.4300

Tritanomaly

19.2487, 25.5318, 30.2992

Monochromacy



Original Color

17.4390, 25.7733, 20.8852

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.2609, 22.0776, 21.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4390, 25.7733, 20.8852 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(72, 154, 117)` looks like.

```
.text, #text, p{  
  color:rgb(72, 154, 117)  
}
```

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(72, 154, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 154, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.4390, 25.7733, 20.8852 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(72, 154, 117) }
```


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

```
.border{ border-color:rgb(72, 154, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 154, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 154, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 154, 117);  
box-shadow:4px 4px 4px 4px rgb(72, 154,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4390, 25.7733, 20.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 154, 117) }
```

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

```
.background{ background-color: rgb(72, 154,  
117) }
```

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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