

Converting Colors

XYZ(17.3407, 24.0788, 21.2730)

Have a look what the booklet for
XYZ(17.3407, 24.0788, 21.2730)
contains.

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Color

**XYZ(17.3308, 24.0383,
21.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	539377
RGB	83, 147, 119
RGB Percent	33%, 58%, 47%
CMY	0.6745, 0.4235, 0.5333
CMYK	0.44, 0.00, 0.19, 0.42
HSL	154°, 28%, 45%
HSV	154°, 44%, 58%
XYZ	17.3308, 24.0383, 21.1792
YIQ	124.6720, -29.1560, -22.2760

Conversions

Conversions Part 2

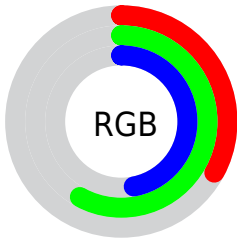
Format	Color
R _Y B	83, 124, 147
Decimal	5477239
CIE Lab	56.13, -27.36, 8.47
CIE LCh	56, 28.642, 162.791
Yxy	24.0383, 0.2771, 0.3843
Android (android.graphics.Color)	4283667319 (0xFF539377)
YUV	124.6720, -2.7963, -36.5463
Hunter-Lab	49.0289, -22.7041, 8.7085

Details

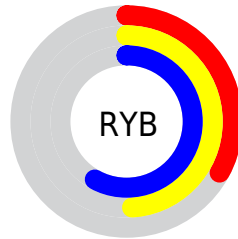
The XYZ color **17.3308, 24.0383, 21.1792** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.9960, 13.5379, 16.7046**, and the grayscale version is **19.3994, 20.4097, 22.2262**.

A 20% lighter version of the original color is **38.3907, 49.9478, 46.1456**, and **5.8556, 9.0967, 7.4084** is the 20% darker color. If you saturate the color by 10%, you get **15.7956, 23.2906, 19.1591**, and if you desaturate by 10%, it is **19.1685, 24.9401, 23.3510**.

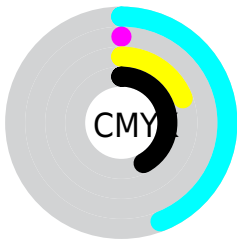
Distribution



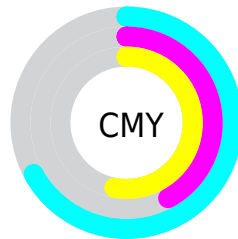
- Red (33%)
- Green (58%)
- Blue (47%)



- Red (33%)
- Yellow (49%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3308, 24.0383, 21.1792 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 17.3308, 24.0383, 21.1792 by changing the saturation by 10% instead.

■ 17.3308, 24.0383,
21.1792

■ 17.3308, 24.0383,
21.1792

230.1908,
273.0141, 271.0416

■ 10.5674, 15.3620,
13.0625

■ 38.4328, 50.0927,
46.2702

■ 5.8419, 9.0739,
7.3404

■ 53.5020, 68.2396,
64.0817

■ 2.7889, 4.7894,
3.5942

■ 72.0706, 90.3122,
85.9618

■ 1.0431, 2.1242,
1.4055

■ 94.5038, 116.6949,
112.3292

■ 0.0000, 0.6782,
0.1460

■ 121.1671,
147.7720, 143.6023

■ 0.0000, 0.0000,
0.0000

152.4258,

183.9280, 180.1997

188.6453,
225.5472, 222.5399

■ 17.3308, 24.0383,
21.1792

■ 17.3308, 24.0383,
21.1792

■ 15.7956, 23.2906,
19.1591

■ 19.1685, 24.9401,
23.3510

■ 14.5429, 22.6850,
17.2855

■ 21.3232, 26.0017,
25.6762

■ 13.5532, 22.2121,
15.5552


■ 23.8108, 27.2317,
28.1586


■ 12.8036, 21.8601,
13.9644


■ 26.6456, 28.6376,
30.8014


■ 12.2669, 21.6151,
12.5088


■ 29.8410, 30.2261,
33.6075

 11.9834, 21.4879,
11.6362

 33.4096, 32.0036,
36.5800

 37.3634, 33.9765,
39.7216

 41.7141, 36.1505,
43.0351

 46.4725, 38.5313,
46.5233

Harmonies

Analogous

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



18.8207, 24.0383, 15.0187



17.3308, 24.0383, 21.1792



17.2262, 24.0383, 30.3852

Triad

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



17.3308, 24.0383, 21.1792



24.2745, 24.0383, 48.0681



27.8022, 24.0383, 15.7099

Complementary

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



17.3308, 24.0383, 21.1792



17.9960, 13.5379, 16.7046

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.



29.5757, 24.0383, 22.3704



17.3308, 24.0383, 21.1792



27.4116, 24.0383, 41.8150

Square

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



17.3308, 24.0383, 21.1792



21.0298, 24.0383, 47.5290



29.4263, 24.0383, 31.8973



24.7674, 24.0383, 12.4201

Rectangle

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



17.3308, 24.0383, 21.1792



17.9396, 24.0383, 37.2407



29.4263, 24.0383, 31.8973



28.5781, 24.0383, 17.5500

Sweetspot

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



17.3315, 24.0393, 21.1797



42.7688, 48.8302, 50.5501



18.6525, 24.9246, 12.0119



9.5433, 11.0380, 11.3265



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.3315, 24.0393, 21.1797



28.4037, 41.7656, 34.4732



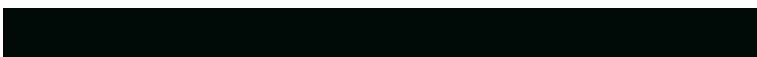
18.7775, 23.8325, 31.2153



5.8580, 6.5198, 6.8630



10.4011, 18.6332, 10.1538



0.1421, 0.2340, 0.2024

Inverse Universe

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



17.9960, 13.5379, 16.7046



29.7538, 20.4865, 25.4228



16.9385, 13.5158, 9.9002



5.8999, 5.8550, 6.5789



11.2538, 5.7066, 4.8175



0.1521, 0.0756, 0.1347

Previews

White Background



This preview shows how the XYZ color 17.3308, 24.0383, 21.1792 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 17.3308, 24.0383, 21.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

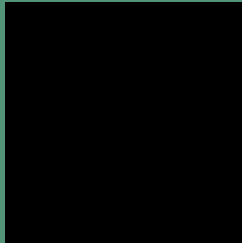
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3308, 24.0383, 21.1792

Background



This preview shows how black text looks on a background with the XYZ color 17.3308, 24.0383, 21.1792.



This preview shows how white text looks on a background with the XYZ color 17.3308, 24.0383,

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

17.3308, 24.0383, 21.1792

Protanopia

22.4342, 23.8828, 18.7567

Deuteranopia

24.1879, 23.7099, 22.0405



Tritanopia

19.9194, 23.9544, 34.1457

Trichromacy



Original Color

17.3308, 24.0383, 21.1792

Protanomaly

20.0729, 23.6961, 19.7355

Deuteranomaly

20.9212, 23.4491, 21.8358

Tritanomaly

18.9008, 23.9935, 28.8343

Monochromacy



Original Color

17.3308, 24.0383, 21.1792

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3931, 21.5201, 21.9233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3308, 24.0383, 21.1792 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(83, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 147, 119)  
}
```

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(83, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 147, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.3308, 24.0383, 21.1792 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(83, 147, 119) }
```


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

```
.border{ border-color:rgb(83, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 147, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 147, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 147,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3308, 24.0383, 21.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 147, 119) }
```

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

```
.background{ background-color: rgb(83, 147,  
119) }
```

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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