

Converting Colors

XYZ(17.3787, 19.7885, 21.2910)

Have a look what the booklet for
XYZ(17.3787, 19.7885, 21.2910)
contains.

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Color

**XYZ(17.4089, 19.8351,
21.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7F7A
RGB	109, 127, 122
RGB Percent	43%, 50%, 48%
CMY	0.5725, 0.5019, 0.5216
CMYK	0.14, 0.00, 0.04, 0.50
HSL	163°, 8%, 46%
HSV	163°, 14%, 50%
XYZ	17.4089, 19.8351, 21.3234
YIQ	121.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

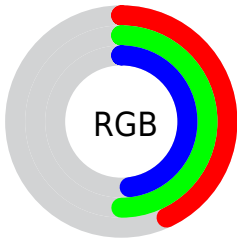
Format	Color
RYB	109, 119, 127
Decimal	7176058
CIELab	51.65, -7.64, 0.49
CIELCh	52, 7.658, 176.296
Yxy	19.8351, 0.2972, 0.3387
Android (android.graphics.Color)	4285366138 (0xFF6D7F7A)
YUV	121.0480, 0.4693, -10.5661
Hunter-Lab	44.5366, -8.1653, 2.7886

Details

The XYZ color **17.4089, 19.8351, 21.3234** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2590, 16.6647, 18.2274**, and the grayscale version is **18.1906, 19.1379, 20.8412**.

A 20% lighter version of the original color is **38.6592, 43.2756, 46.3599**, and **5.8515, 6.9219, 7.3310** is the 20% darker color. If you saturate the color by 10%, you get **15.7435, 19.0019, 20.1250**, and if you desaturate by 10%, it is **19.3092, 20.7895, 22.5751**.

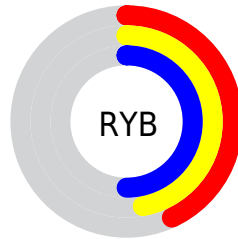
Distribution



Red (43%)

Green (50%)

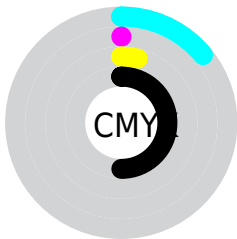
Blue (48%)



Red (43%)

Yellow (47%)

Blue (50%)

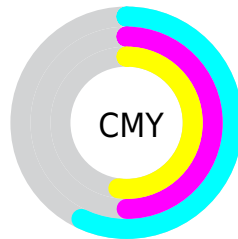


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (50%)



Cyan (57%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4089, 19.8351, 21.3234 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 17.4089, 19.8351, 21.3234 by changing the saturation by 10% instead.

■ 17.4089, 19.8351,
21.3234

■ 17.4089, 19.8351,
21.3234

230.6284,
251.0210, 271.8295

■ 10.6236, 12.2752,
13.1671

■ 38.5655, 43.1405,
46.5129

■ 5.8797, 6.9314,
7.4116

■ 53.6675, 59.6549,
64.3831

■ 2.8120, 3.4192,
3.6385

■ 72.2724, 79.9229,
86.3284

■ 1.0552, 1.3543,
1.4292

■ 94.7456, 104.3289,
112.7673

■ 0.0000, 0.1827,
0.1643

121.4525,
133.2573, 144.1183

■ 0.0000, 0.0000,
0.0000

152.7583,

167.0926, 180.8000

189.0285,
206.2190, 223.2309

■ 17.4089, 19.8351,
21.3234

■ 17.4089, 19.8351,
21.3234

■ 15.7435, 19.0019,
20.1250

■ 19.3092, 20.7895,
22.5751

■ 14.3015, 18.2824,
18.9777

■ 21.4517, 21.8674,
23.8795

■ 13.0731, 17.6722,
17.8810

■ 23.8458, 23.0740,
25.2381

■ 12.0470, 17.1653,
16.8339

■ 26.4996, 24.4136,
26.6515

■ 11.2109, 16.7555,
15.8353

■ 29.4210, 25.8901,
28.1205

■ 10.5511, 16.4357,
14.8842

■ 32.6174, 27.5075,
29.6460

■ 10.0519, 16.1979,
13.9794

■ 36.0960, 29.2693,
31.2286

■ 9.6925, 16.0313,
13.1193

■ 39.8639, 31.1793,
32.8691

■ 9.5091, 15.9472,
12.6370

■ 43.9276, 33.2408,
34.5681

Harmonies

Analogous

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



17.6438, 19.8351, 19.3214



17.4089, 19.8351, 21.3234



17.5521, 19.8351, 23.5370

Triad

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



17.4089, 19.8351, 21.3234



19.5184, 19.8351, 25.6397



19.6890, 19.8351, 18.2479

Complementary

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



17.4089, 19.8351, 21.3234



17.2590, 16.6647, 18.2274

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.



20.2159, 19.8351, 19.7668



17.4089, 19.8351, 21.3234



20.1156, 19.8351, 24.0447

Square

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



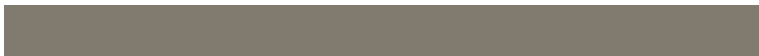
17.4089, 19.8351, 21.3234



18.7569, 19.8351, 26.1264



20.3741, 19.8351, 21.8730



18.9488, 19.8351, 17.6240

Rectangle

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



17.4089, 19.8351, 21.3234



17.8449, 19.8351, 24.8206



20.3741, 19.8351, 21.8730



19.8977, 19.8351, 18.6654

Sweetspot

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



17.4095, 19.8359, 21.3238



34.6052, 37.2418, 40.4428



17.3028, 19.8679, 17.3912



8.0460, 8.6912, 9.4333



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.4095, 19.8359, 21.3238



30.1662, 35.0144, 37.4806



17.2334, 18.9750, 22.8339



4.3970, 4.8671, 5.2621



9.5891, 16.0822, 12.7410



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2590, 16.6647, 18.2274



29.8427, 28.1913, 30.8193



17.4073, 17.4047, 16.9103



4.3731, 4.3624, 4.7691



9.1368, 4.6744, 2.0442



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4089, 19.8351, 21.3234 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 17.4089, 19.8351, 21.3234 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

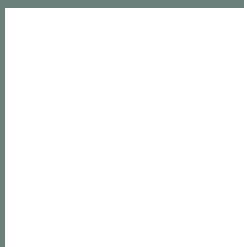
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4089, 19.8351, 21.3234

Background



This preview shows how black text looks on a background with the XYZ color 17.4089, 19.8351, 21.3234.



This preview shows how white text looks on a background with the XYZ color 17.4089, 19.8351,

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

17.4089, 19.8351, 21.3234

Protanopia

18.8935, 19.6866, 20.2569

Deuteranopia

20.0664, 19.7172, 21.8170



Tritanopia

18.2623, 19.7960, 25.7802

Trichromacy



Original Color

17.4089, 19.8351, 21.3234

Protanomaly

18.3435, 19.7644, 20.6174

Deuteranomaly

18.9921, 19.7091, 21.5421

Tritanomaly

17.9205, 19.8484, 24.0057

Monochromacy



Original Color

17.4089, 19.8351, 21.3234

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8703, 19.3283, 20.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4089, 19.8351, 21.3234 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(109, 127, 122) looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 122)  
}
```

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(109, 127, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.4089, 19.8351, 21.3234 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(109, 127, 122) }
```


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

```
.border{ border-color:rgb(109, 127, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 127, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 127, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 127, 122);  
box-shadow:4px 4px 4px 4px rgb(109, 127,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4089, 19.8351, 21.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 122) }
```

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

```
.background{ background-color: rgb(109,  
127, 122) }
```

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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