

Converting Colors

XYZ(17.1692, 17.7997, 19.1432)

Have a look what the booklet for
XYZ(17.1692, 17.7997, 19.1432)
contains.

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Color

**XYZ(17.1435, 17.7448,
19.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	787474
RGB	120, 116, 116
RGB Percent	47%, 45%, 45%
CMY	0.5294, 0.5451, 0.5451
CMYK	0.00, 0.03, 0.03, 0.53
HSL	0°, 2%, 46%
HSV	0°, 3%, 47%
XYZ	17.1435, 17.7448, 19.0445
YIQ	117.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

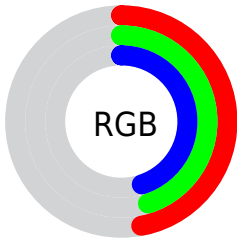
Format	Color
R_{YB}	120, 116, 116
Decimal	7894132
CIE _{Lab}	49.19, 1.53, 0.54
CIE _{LCh}	49, 1.625, 19.365
Yxy	17.7448, 0.3179, 0.3290
Android (android.graphics.Color)	4286084212 (0xFF787474)
YUV	117.1960, -0.5896, 2.4591
Hunter-Lab	42.1246, -1.0736, 2.6822

Details

The XYZ color **17.1435, 17.7448, 19.0445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3091, 18.5017, 20.4284**, and the grayscale version is **16.9709, 17.8548, 19.4438**.

A 20% lighter version of the original color is **38.0838, 39.6031, 42.6827**, and **5.7830, 5.9293, 6.3085** is the 20% darker color. If you saturate the color by 10%, you get **15.1958, 14.8952, 15.1710**, and if you desaturate by 10%, it is **19.3609, 20.9891, 23.4532**.

Distribution



Red (47%)

Green (45%)

Blue (45%)



Red (47%)

Yellow (45%)

Blue (45%)



Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1435, 17.7448, 19.0445 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 17.1435, 17.7448, 19.0445 by changing the saturation by 10% instead.

■ 17.1435, 17.7448,
19.0445

■ 17.1435, 17.7448,
19.0445

229.1381,
239.4287, 259.1252

■ 10.4328, 10.7669,
11.5253

■ 38.1140, 39.6020,
42.6470

■ 5.7513, 5.9103,
6.3027

■ 53.1045, 55.2501,
59.5673

■ 2.7337, 2.7906,
2.9583

■ 71.5856, 74.5571,
80.4585

■ 1.0145, 1.0234,
1.0734

■ 93.9227, 97.9073,
105.7390

■ 0.0000, 0.0000,
0.0000

120.4811,
125.6852, 135.8274

151.6263,

158.2751, 171.1422

187.7235,
196.0614, 212.1020

■ 17.1435, 17.7448,
19.0445

■ 17.1435, 17.7448,
19.0445

■ 15.1958, 14.8952,
15.1710

■ 19.3609, 20.9891,
23.4532

■ 13.5062, 12.4229,
11.8114

■ 21.8561, 24.6398,
28.4153

■ 12.0641, 10.3130,
8.9443

■ 24.6389, 28.7112,
33.9494

■ 10.8581, 8.5483,
6.5466

■ 27.7181, 33.2161,
40.0729

■ 9.8756, 7.1105,
4.5934

■ 31.1019, 38.1667,
46.8026

■ 9.1027, 5.9795,
3.0573

■ 34.7985, 43.5749,
54.1544

■ 8.5244, 5.1331,
1.9080

■ 38.8156, 49.4519,
62.1438

■ 8.1232, 4.5459,
1.1111

■ 43.1607, 55.8088,
70.7856

■ 7.8772, 4.1857,
0.6225

■ 47.8411, 62.6561,
80.0944

Harmonies

Analogous

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



17.1552, 17.7448, 19.4762



17.1435, 17.7448, 19.0445



17.0572, 17.7448, 18.6920

Triad

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



17.1435, 17.7448, 19.0445



16.6448, 17.7448, 18.7804



16.8119, 17.7448, 20.1566

Complementary

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



17.1435, 17.7448, 19.0445



17.3091, 18.5017, 20.4284

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.



16.6760, 17.7448, 19.9641



17.1435, 17.7448, 19.0445



16.5799, 17.7448, 19.1668

Square

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



17.1435, 17.7448, 19.0445



16.7691, 17.7448, 18.5411



16.5913, 17.7448, 19.6003



16.9631, 17.7448, 20.1226

Rectangle

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



17.1435, 17.7448, 19.0445



16.9692, 17.7448, 18.5473



16.5913, 17.7448, 19.6003



16.7630, 17.7448, 20.1161

Sweetspot

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



17.1440, 17.7456, 19.0449



31.0105, 32.4657, 35.2015



17.3815, 17.8402, 20.2969



7.3560, 7.7040, 8.3559



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.1440, 17.7456, 19.0449



29.8744, 30.8035, 32.9424



17.3768, 18.2111, 19.1225



4.2243, 4.3458, 4.6379



8.4509, 4.3577, 0.3957



40.3096, 20.7826, 1.8869

Inverse Universe

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



17.3091, 18.5017, 20.4284



30.2296, 32.4306, 35.9195



17.0713, 18.0262, 20.3492



4.2801, 4.6015, 5.1058



11.0170, 16.1164, 21.9154



52.5499, 76.8725, 104.5380

Previews

White Background



This preview shows how the XYZ color 17.1435, 17.7448, 19.0445 looks on a white 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

Black Background



This preview shows how the XYZ color 17.1435, 17.7448, 19.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

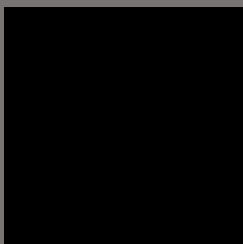
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

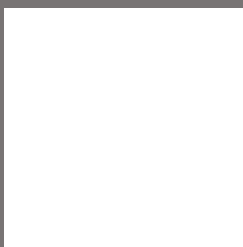
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1435, 17.7448, 19.0445

Background



This preview shows how black text looks on a background with the XYZ color 17.1435, 17.7448, 19.0445.



This preview shows how white text looks on a background with the XYZ color 17.1435, 17.7448,

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

17.1435, 17.7448, 19.0445

Protanopia

17.0055, 17.6737, 19.0381

Deuteranopia

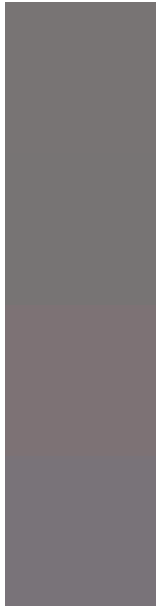
18.0181, 17.6838, 19.2933



Tritanopia

17.6540, 17.7817, 21.5705

Trichromacy



Original Color

17.1435, 17.7448, 19.0445

Protanomaly

17.0055, 17.6737, 19.0381

Deuteranomaly

17.6856, 17.6790, 19.3099

Tritanomaly

17.4671, 17.7069, 20.5863

Monochromacy



Original Color

17.1435, 17.7448, 19.0445

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0434, 17.8585, 19.3784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1435, 17.7448, 19.0445 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(120, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(120, 116, 116)  
}
```

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(120, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 116, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.1435, 17.7448, 19.0445 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(120, 116, 116) }
```


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

```
.border{ border-color:rgb(120, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(120, 116,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1435, 17.7448, 19.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 116, 116) }
```

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

```
.background{ background-color: rgb(120,  
116, 116) }
```

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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