

Converting Colors

XYZ(17.5257, 17.9981, 19.1778)

Have a look what the booklet for
XYZ(17.5257, 17.9981, 19.1778)
contains.

XYZ(17.4238, 17.8893, 19.0576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.4238, 17.8893,
19.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7474
RGB	122, 116, 116
RGB Percent	48%, 45%, 45%
CMY	0.5216, 0.5451, 0.5451
CMYK	0.00, 0.05, 0.05, 0.52
HSL	0°, 3%, 47%
HSV	0°, 5%, 48%
XYZ	17.4238, 17.8893, 19.0576
YIQ	117.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

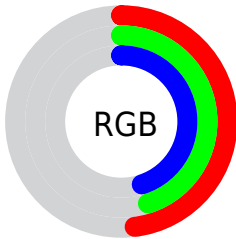
Format	Color
RYB	122, 116, 116
Decimal	8025204
CIELab	49.36, 2.30, 0.82
CIELCh	49, 2.445, 19.535
Yxy	17.8893, 0.3205, 0.3290
Android (android.graphics.Color)	4286215284 (0xFF7A7474)
YUV	117.7940, -0.8844, 3.6887
Hunter-Lab	42.2957, -0.4842, 2.8922

Details

The XYZ color **17.4238, 17.8893, 19.0576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6748, 19.0369, 21.1555**, and the grayscale version is **17.1578, 18.0513, 19.6579**.

A 20% lighter version of the original color is **38.5261, 39.8311, 42.7034**, and **5.8582, 5.9681, 6.3120** is the 20% darker color. If you saturate the color by 10%, you get **15.4457, 14.9950, 15.1239**, and if you desaturate by 10%, it is **19.6807, 21.1916, 23.5445**.

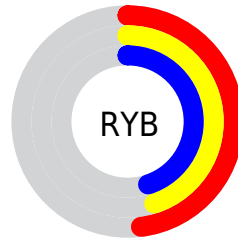
Distribution



Red (48%)

Green (45%)

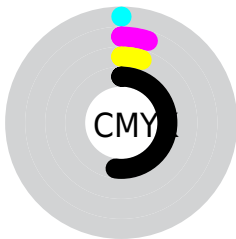
Blue (45%)



Red (48%)

Yellow (45%)

Blue (45%)

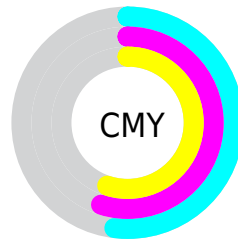


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4238, 17.8893, 19.0576 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 17.4238, 17.8893, 19.0576 by changing the saturation by 10% instead.

■ 17.4238, 17.8893,
19.0576

■ 17.4238, 17.8893,
19.0576

230.7118,
240.2463, 259.1999

■ 10.6343, 10.8705,
11.5347

■ 38.5908, 39.8486,
42.6694

■ 5.8870, 5.9798,
6.3090

■ 53.6991, 55.5579,
59.5954

■ 2.8165, 2.8328,
2.9621

■ 72.3109, 74.9329,
80.4927

■ 1.0575, 1.0451,
1.0753

■ 94.7917, 98.3579,
105.7801

■ 0.0000, 0.0000,
0.0000

121.5069,
126.2174, 135.8759

152.8217,

158.8957, 171.1988

189.1016,
196.7772, 212.1673

■ 17.4238, 17.8893,
19.0576

■ 17.4238, 17.8893,
19.0576

■ 15.4457, 14.9950,
15.1239

■ 19.6807, 21.1916,
23.5445

■ 13.7341, 12.4907,
11.7210

■ 22.2251, 24.9144,
28.6038

■ 12.2782, 10.3603,
8.8264

■ 25.0671, 29.0725,
34.2548

■ 11.0656, 8.5860,
6.4158

■ 28.2158, 33.6796,
40.5161

■ 10.0832, 7.1483,
4.4628

■ 31.6802, 38.7483,
47.4050

■ 9.3163, 6.0261,
2.9385

■ 35.4686, 44.2911,
54.9383

■ 8.7487, 5.1955,
1.8106

■ 39.5891, 50.3198,
63.1322

■ 8.3621, 4.6296,
1.0425

■ 44.0497, 56.8460,
72.0024

■ 8.1279, 4.2868,
0.5771

■ 48.8578, 63.8806,
81.5638

Harmonies

Analogous

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



17.4422, 17.8893, 19.7096



17.4238, 17.8893, 19.0576



17.2921, 17.8893, 18.5298

Triad

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



17.4238, 17.8893, 19.0576



16.6687, 17.8893, 18.6673



16.9230, 17.8893, 20.7517

Complementary

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



17.4238, 17.8893, 19.0576



17.6748, 19.0369, 21.1555

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.



16.7176, 17.8893, 20.4588



17.4238, 17.8893, 19.0576



16.5717, 17.8893, 19.2491

Square

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



17.4238, 17.8893, 19.0576



16.8557, 17.8893, 18.3080



16.5895, 17.8893, 19.9054



17.1517, 17.8893, 20.6976

Rectangle

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



17.4238, 17.8893, 19.0576



17.1585, 17.8893, 18.3148



16.5895, 17.8893, 19.9054



16.8490, 17.8893, 20.6903

Sweetspot

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



17.4243, 17.8901, 19.0580



32.1409, 33.6489, 36.4843



17.7845, 18.0337, 20.9561



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.



17.4243, 17.8901, 19.0580



30.2013, 30.8110, 32.6278



17.7755, 18.5924, 19.1750



4.1323, 4.2111, 4.4550



8.4507, 4.3573, 0.3956



40.3091, 20.7817, 1.8867

Inverse Universe

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



17.6748, 19.0369, 21.1555



30.7476, 33.3120, 37.2022



17.3124, 18.3120, 21.0347



4.2096, 4.5652, 5.1025



11.0197, 16.1217, 21.9163



52.5633, 76.8992, 104.5424

Previews

White Background



This preview shows how the XYZ color 17.4238, 17.8893, 19.0576 looks on a white background.

Color Contrast Check

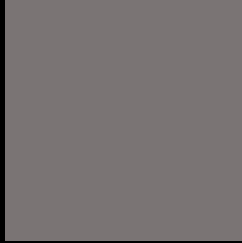
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4238, 17.8893, 19.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

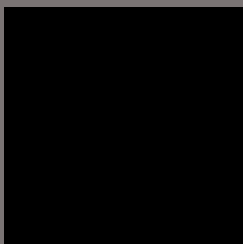
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

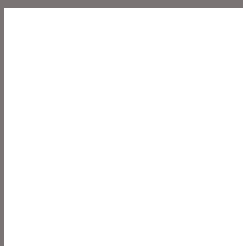
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4238, 17.8893, 19.0576

Background



This preview shows how black text looks on a background with the XYZ color 17.4238, 17.8893, 19.0576.



This preview shows how white text looks on a background with the XYZ color 17.4238, 17.8893,

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

17.4238, 17.8893, 19.0576

Protanopia

17.2594, 17.9766, 19.0832

Deuteranopia

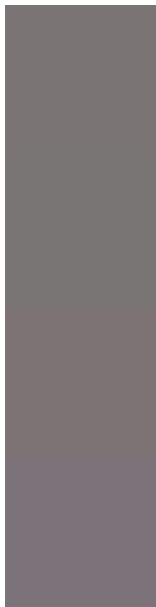
18.2230, 17.9627, 19.0297



Tritanopia

17.9372, 17.9277, 21.5838

Trichromacy



Original Color

17.4238, 17.8893, 19.0576

Protanomaly

17.3988, 18.0485, 19.0897

Deuteranomaly

17.8873, 17.9580, 19.0465

Tritanomaly

17.7503, 17.8529, 20.5996

Monochromacy



Original Color

17.4238, 17.8893, 19.0576

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1799, 17.9289, 19.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4238, 17.8893, 19.0576 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(122, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.4238, 17.8893, 19.0576 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(122, 116, 116) }
```


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

```
.border{ border-color:rgb(122, 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(122, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4238, 17.8893, 19.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 116, 116) }
```

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

```
.background{ background-color: rgb(122,  
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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