

Converting Colors

XYZ(17.7704, 17.8901, 11.7491)

Have a look what the booklet for
XYZ(17.7704, 17.8901, 11.7491)
contains.

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Color

**XYZ(17.7704, 17.8901,
11.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	877258
RGB	135, 114, 88
RGB Percent	53%, 45%, 35%
CMY	0.4706, 0.5529, 0.6549
CMYK	0.00, 0.16, 0.35, 0.47
HSL	33°, 21%, 44%
HSV	33°, 35%, 53%
XYZ	17.7704, 17.8901, 11.7491
YIQ	117.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

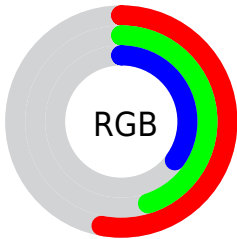
Format	Color
R_{YB}	126, 135, 88
Decimal	8876632
CIE _{Lab}	49.36, 4.17, 17.48
CIE _{LCh}	49, 17.968, 76.579
Yxy	17.8901, 0.3748, 0.3774
Android (android.graphics.Color)	4287066712 (0xFF877258)
YUV	117.3150, -14.4523, 15.5097
Hunter-Lab	42.2967, 0.9752, 13.1382

Details

The XYZ color **17.7704, 17.8901, 11.7491** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.8661, 14.7607, 25.0398**, and the grayscale version is **17.0456, 17.9333, 19.5293**.

A 20% lighter version of the original color is **39.2099, 39.9262, 29.6847**, and **6.0223, 5.9484, 3.0212** is the 20% darker color. If you saturate the color by 10%, you get **16.6043, 16.3714, 8.8523**, and if you desaturate by 10%, it is **19.0859, 19.5416, 15.2070**.

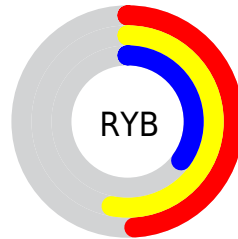
Distribution



Red (53%)

Green (45%)

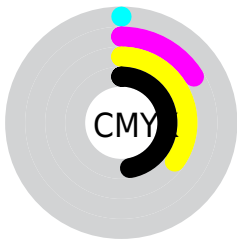
Blue (35%)



Red (49%)

Yellow (53%)

Blue (35%)

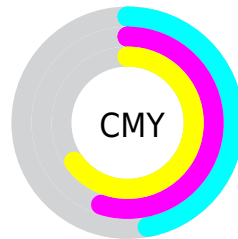


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7704, 17.8901, 11.7491 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 17.7704, 17.8901, 11.7491 by changing the saturation by 10% instead.

■ 17.7704, 17.8901,
11.7491

■ 17.7704, 17.8901,
11.7491

232.6444,
240.2509, 213.6557

■ 10.8840, 10.8711,
6.4526

■ 39.1789, 39.8500,
29.6948

■ 6.0556, 5.9802,
3.0490

■ 54.4316, 55.5596,
43.1812

■ 2.9199, 2.8331,
1.1197

■ 73.2038, 74.9350,
60.2345

■ 1.1115, 1.0452,
0.0000

■ 95.8608, 98.3604,
81.2735

■ 0.0347, 0.0000,
0.0000

■ 122.7681,
126.2203, 106.7165

■ 0.0000, 0.0000,
0.0000

154.2908,

158.8991, 136.9822

190.7945,
196.7812, 172.4891

■ 17.7704, 17.8901,
11.7491

■ 17.7704, 17.8901,
11.7491

■ 16.6043, 16.3714,
8.8523

■ 19.0859, 19.5416,
15.2070

■ 15.5796, 14.9791,
6.4852

■ 20.5555, 21.3272,
19.2532

■ 14.6896, 13.7096,
4.6147

■ 22.1854, 23.2513,
23.9141

■ 13.9264, 12.5584,
3.2035

■ 23.9810, 25.3175,
29.2145

■ 13.2810, 11.5204,
2.2091

■ 25.9475, 27.5289,
35.1775

■ 12.7415, 10.5891,
1.5734

■ 28.0898, 29.8887,
41.8253

■ 12.4867, 10.1411,
1.2993

■ 30.4125, 32.4000,
49.1789

■ 32.9202, 35.0658,
57.2585

■ 35.6172, 37.8888,
66.0834

Harmonies

Analogous

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



19.3397, 17.8901, 13.4652



17.7704, 17.8901, 11.7491



16.0925, 17.8901, 11.8442

Triad

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



17.7704, 17.8901, 11.7491



14.0725, 17.8901, 22.2606



19.4782, 17.8901, 26.6114

Complementary

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



17.7704, 17.8901, 11.7491



13.8661, 14.7607, 25.0398

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.



17.9493, 17.8901, 29.8437



17.7704, 17.8901, 11.7491



14.8643, 17.8901, 27.0608

Square

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



17.7704, 17.8901, 11.7491



14.0317, 17.8901, 17.3956



16.2600, 17.8901, 30.0206



20.3690, 17.8901, 21.7230

Rectangle

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



17.7704, 17.8901, 11.7491



15.1380, 17.8901, 12.9140



16.2600, 17.8901, 30.0206



19.0174, 17.8901, 27.9606

Sweetspot

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



17.7709, 17.8909, 11.7495



38.1145, 39.7435, 38.1706



16.2499, 13.2379, 16.2092



8.7450, 9.1072, 8.6066



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7709, 17.8909, 11.7495



30.1069, 29.8104, 16.7508



20.0431, 22.9905, 12.6140



4.8702, 5.0840, 4.9540



11.5278, 9.3783, 1.2026



0.0472, 0.0471, 0.0066

Inverse Universe

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



13.8661, 14.7607, 25.0398



21.9898, 23.3063, 44.3880



12.1137, 10.9202, 24.3909



4.5930, 4.8617, 5.8971



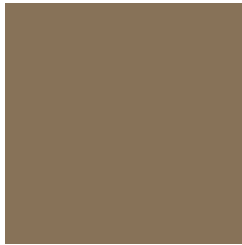
5.5506, 4.6491, 21.7415



0.0263, 0.0303, 0.0777

Previews

White Background



This preview shows how the XYZ color 17.7704, 17.8901, 11.7491 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 17.7704, 17.8901, 11.7491 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 17.7704, 17.8901, 11.7491

Background



This preview shows how black text looks on a background with the XYZ color 17.7704, 17.8901, 11.7491.



This preview shows how white text looks on a background with the XYZ color 17.7704, 17.8901,

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

17.7704, 17.8901, 11.7491

Protanopia

16.7686, 17.8795, 12.0185

Deuteranopia

18.1478, 17.9181, 11.7346



Tritanopia

19.3272, 17.8631, 19.5688

Trichromacy



Original Color

17.7704, 17.8901, 11.7491

Protanomaly

17.1018, 17.8792, 12.0009

Deuteranomaly

17.9831, 17.8332, 11.7269

Tritanomaly

18.6548, 17.7488, 16.3526

Monochromacy



Original Color

17.7704, 17.8901, 11.7491

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1591, 17.8165, 16.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7704, 17.8901, 11.7491 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(135, 114, 88)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 88)  
}
```

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(135, 114, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 88) }
```

Border

The CSS property to change the border of an element to XYZ 17.7704, 17.8901, 11.7491 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(135, 114, 88) }
```


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

```
.border{ border-color:rgb(135, 114, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 88);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7704, 17.8901, 11.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 88) }
```

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

```
.background{ background-color: rgb(135,  
114, 88) }
```

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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