

Converting Colors

XYZ(17.2676, 20.1115, 9.9008)

Have a look what the booklet for
XYZ(17.2676, 20.1115, 9.9008)
contains.

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Color

**XYZ(17.3709, 20.2593,
10.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	7C804D
RGB	124, 128, 77
RGB Percent	49%, 50%, 30%
CMY	0.5137, 0.4980, 0.6980
CMYK	0.03, 0.00, 0.40, 0.50
HSL	65°, 25%, 40%
HSV	65°, 40%, 50%
XYZ	17.3709, 20.2593, 10.0161
YIQ	120.9900, 13.9870, -16.7090

Conversions

Conversions Part 2

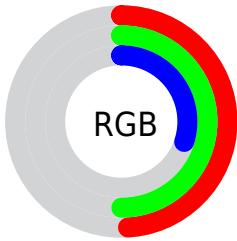
Format	Color
RYB	77, 128, 81
Decimal	8159309
CIELab	52.13, -9.91, 27.18
CIELCh	52, 28.932, 110.038
Yxy	20.2593, 0.3646, 0.4252
Android (android.graphics.Color)	4286349389 (0xFF7C804D)
YUV	120.9900, -21.6871, 2.6398
Hunter-Lab	45.0103, -9.8793, 18.3135

Details

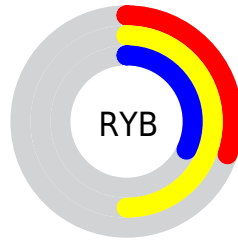
The XYZ color **17.3709, 20.2593, 10.0161** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.9443, 8.6162, 21.5623**, and the grayscale version is **18.2359, 19.1856, 20.8931**.

A 20% lighter version of the original color is **38.4861, 43.9272, 26.5290**, and **5.8673, 7.1467, 2.3665** is the 20% darker color. If you saturate the color by 10%, you get **16.8184, 20.0223, 7.8588**, and if you desaturate by 10%, it is **18.0148, 20.5344, 12.6428**.

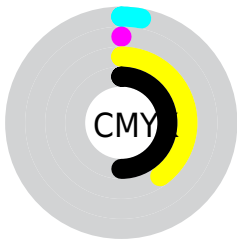
Distribution



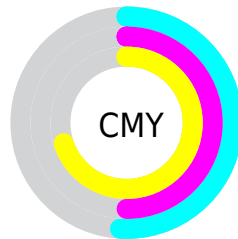
- Red (49%)
- Green (50%)
- Blue (30%)



- Red (30%)
- Yellow (50%)
- Blue (32%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3709, 20.2593, 10.0161 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 17.3709, 20.2593, 10.0161 by changing the saturation by 10% instead.

■ 17.3709, 20.2593,
10.0161

■ 17.3709, 20.2593,
10.0161

230.4156,
253.3154, 201.2759

■ 10.5962, 12.5837,
5.3039

■ 38.5009, 43.8515,
26.4341

■ 5.8613, 7.1425,
2.3648

■ 53.5870, 60.5368,
38.9769

■ 2.8008, 3.5514,
0.7672

■ 72.1743, 80.9942,
54.9670

■ 1.0493, 1.4259,
0.0000

■ 94.6280, 105.6080,
74.8230

■ 0.0000, 0.2357,
0.0000

■ 121.3137,
134.7627, 98.9633

■ 0.0000, 0.0000,
0.0000

152.5966,

168.8425, 127.8066

188.8421,
208.2320, 161.7712

■ 17.3709, 20.2593,
10.0161

■ 17.3709, 20.2593,
10.0161

■ 16.8184, 20.0223,
7.8588

■ 18.0148, 20.5344,
12.6428

■ 16.3507, 19.8187,
6.1421

■ 18.7535, 20.8470,
15.7630

■ 15.9623, 19.6470,
4.8359

■ 19.5919, 21.1995,
19.4007

■ 15.6468, 19.5046,
3.9057

■ 20.5343, 21.5939,
23.5780

■ 15.3966, 19.3885,
3.3116

■ 21.5846, 22.0315,
28.3155

■ 15.1879, 19.2892,
2.9284

■ 22.7465, 22.5140,
33.6330

■ 15.1847, 19.2877,
2.9226

■ 24.0235, 23.0427,
39.5492

■ 25.4192, 23.6191,
46.0819

■ 26.9366, 24.2443,
53.2482

Harmonies

Analogous

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



20.2573, 20.2593, 9.5848



17.3709, 20.2593, 10.0161



15.2148, 20.2593, 13.1588

Triad

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



17.3709, 20.2593, 10.0161



15.8269, 20.2593, 37.0587



25.4229, 20.2593, 25.0006

Complementary

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



17.3709, 20.2593, 10.0161



9.9443, 8.6162, 21.5623

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.



23.9557, 20.2593, 34.2713



17.3709, 20.2593, 10.0161



18.2879, 20.2593, 42.3219

Square

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



17.3709, 20.2593, 10.0161



14.3887, 20.2593, 28.1283



21.2725, 20.2593, 41.1883



25.1128, 20.2593, 16.9322

Rectangle

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



17.3709, 20.2593, 10.0161



14.3866, 20.2593, 16.9491



21.2725, 20.2593, 41.1883



25.1158, 20.2593, 28.1047

Sweetspot

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



17.3714, 20.2602, 10.0165



34.1170, 37.1652, 32.5125



13.1404, 10.9217, 8.4370



7.9509, 8.6859, 7.4517



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.



17.3714, 20.2602, 10.0165



29.6764, 35.2791, 14.0897



14.2161, 18.6336, 9.8689



4.6331, 5.0028, 4.6416



15.0563, 19.1242, 2.8978



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9443, 8.6162, 21.5623



14.6603, 11.7278, 37.4473



12.4828, 9.9248, 21.6811



4.1377, 4.2266, 5.4110



3.9887, 1.6100, 20.3505



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3709, 20.2593, 10.0161 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 17.3709, 20.2593, 10.0161 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 17.3709, 20.2593, 10.0161

Background



This preview shows how black text looks on a background with the XYZ color 17.3709, 20.2593, 10.0161.



This preview shows how white text looks on a background with the XYZ color 17.3709, 20.2593,

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

17.3709, 20.2593, 10.0161

Protanopia

18.6655, 20.1713, 9.7472

Deuteranopia

20.5858, 20.2422, 10.2193



Tritanopia

20.2622, 20.3036, 24.3238

Trichromacy



Original Color

17.3709, 20.2593, 10.0161

Protanomaly

18.1538, 20.0946, 9.7593

Deuteranomaly

19.3192, 20.1318, 10.0753

Tritanomaly

18.9790, 20.1522, 17.9284

Monochromacy



Original Color

17.3709, 20.2593, 10.0161

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7835, 19.5728, 16.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3709, 20.2593, 10.0161 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(124, 128, 77)` looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 77)  
}
```

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(124, 128, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 77) }
```

Border

The CSS property to change the border of an element to XYZ 17.3709, 20.2593, 10.0161 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(124, 128, 77) }
```


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

```
.border{ border-color:rgb(124, 128, 77) }
```

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

Here you see how a box with a 4 pixel rgb(124, 128, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 77);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3709, 20.2593, 10.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 77) }
```

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

```
.background{ background-color: rgb(124,  
128, 77) }
```

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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