

Converting Colors

XYZ(17.1737, 20.1938, 13.0082)

Have a look what the booklet for
XYZ(17.1737, 20.1938, 13.0082)
contains.

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Color

**XYZ(17.2532, 20.3248,
13.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	76815C
RGB	118, 129, 92
RGB Percent	46%, 51%, 36%
CMY	0.5373, 0.4941, 0.6392
CMYK	0.09, 0.00, 0.29, 0.49
HSL	78°, 17%, 43%
HSV	78°, 29%, 51%
XYZ	17.2532, 20.3248, 13.1389
YIQ	121.4930, 5.3210, -13.8390

Conversions

Conversions Part 2

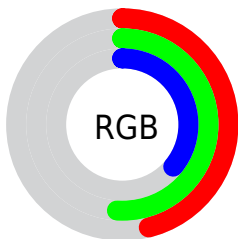
Format	Color
RYB	92, 129, 103
Decimal	7766364
CIELab	52.20, -10.87, 18.76
CIELCh	52, 21.681, 120.094
Yxy	20.3248, 0.3402, 0.4008
Android (android.graphics.Color)	4285956444 (0xFF76815C)
YUV	121.4930, -14.5400, -3.0634
Hunter-Lab	45.0830, -10.5837, 14.2788

Details

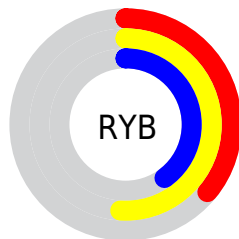
The XYZ color **17.2532, 20.3248, 13.1389** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3840, 12.1234, 22.4047**, and the grayscale version is **18.3786, 19.3357, 21.0566**.

A 20% lighter version of the original color is **38.4050, 44.0668, 32.0728**, and **5.8160, 7.1998, 3.6679** is the 20% darker color. If you saturate the color by 10%, you get **16.2264, 19.8558, 10.3937**, and if you desaturate by 10%, it is **18.3983, 20.8449, 16.3918**.

Distribution



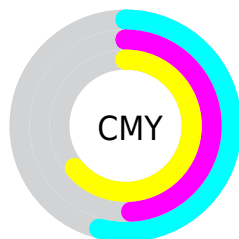
- Red (46%)
- Green (51%)
- Blue (36%)



- Red (36%)
- Yellow (51%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2532, 20.3248, 13.1389 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 17.2532, 20.3248, 13.1389 by changing the saturation by 10% instead.

■ 17.2532, 20.3248,
13.1389

■ 17.2532, 20.3248,
13.1389

229.7552,
253.6681, 223.0449

■ 10.5116, 12.6314,
7.3924

■ 38.3007, 43.9611,
32.2479

■ 5.8043, 7.1752,
3.6266

■ 53.3374, 60.6727,
46.4476

■ 2.7660, 3.5719,
1.4228

■ 71.8698, 81.1592,
64.3020

■ 1.0313, 1.4371,
0.1594

■ 94.2633, 105.8049,
86.2298

■ 0.0000, 0.2438,
0.0000

120.8832,
134.9942, 112.6494

■ 0.0000, 0.0000,
0.0000

152.0949,

169.1116, 143.9794

188.2638,
208.5414, 180.6384

■ 17.2532, 20.3248,
13.1389

■ 17.2532, 20.3248,
13.1389

■ 16.2264, 19.8558,
10.3937

■ 18.3983, 20.8449,
16.3918

■ 15.3112, 19.4332,
8.1293

■ 19.6649, 21.4155,
20.1750

■ 14.5026, 19.0556,
6.3182

■ 21.0580, 22.0391,
24.5111

■ 13.7946, 18.7206,
4.9297

■ 22.5818, 22.7176,
29.4213

■ 13.1802, 18.4253,
3.9292

■ 24.2404, 23.4525,
34.9253

■ 12.6516, 18.1667,
3.2768

■ 26.0375, 24.2454,
41.0423

■ 12.1888, 17.9367,
2.8685

■ 27.9769, 25.0978,
47.7904

■ 12.1298, 17.9074,
2.8172

■ 30.0620, 26.0112,
55.1869

■ 32.2963, 26.9869,
63.2485

Harmonies

Analogous

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



19.3111, 20.3248, 12.0074



17.2532, 20.3248, 13.1389



15.8448, 20.3248, 16.5710

Triad

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



17.2532, 20.3248, 13.1389



17.2645, 20.3248, 34.5277



23.9153, 20.3248, 22.1102

Complementary

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



17.2532, 20.3248, 13.1389



13.3840, 12.1234, 22.4047

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.



23.2651, 20.3248, 28.8116



17.2532, 20.3248, 13.1389



19.3251, 20.3248, 36.7671

Square

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



17.2532, 20.3248, 13.1389



15.8510, 20.3248, 28.8531



21.5415, 20.3248, 34.5007



23.2572, 20.3248, 16.5423

Rectangle

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



17.2532, 20.3248, 13.1389



15.4061, 20.3248, 20.0905



21.5415, 20.3248, 34.5007



23.8419, 20.3248, 24.3036

Sweetspot

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



17.2537, 20.3257, 13.1393



35.0882, 38.2919, 35.7450



15.7848, 15.0385, 12.1962



7.8758, 8.6374, 7.8896



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.



17.2537, 20.3257, 13.1393



29.7468, 35.8721, 20.4176



15.0401, 19.1845, 13.0357



4.5447, 4.9572, 4.6374



11.8303, 17.4611, 2.7468



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3840, 12.1234, 22.4047



21.7051, 18.8208, 39.6813



15.6731, 13.3035, 22.5119



4.2198, 4.2689, 5.4148



4.6597, 1.9558, 20.3819



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2532, 20.3248, 13.1389 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 17.2532, 20.3248, 13.1389 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 17.2532, 20.3248, 13.1389

Background



This preview shows how black text looks on a background with the XYZ color 17.2532, 20.3248, 13.1389.



This preview shows how white text looks on a background with the XYZ color 17.2532, 20.3248,

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

17.2532, 20.3248, 13.1389

Protanopia

18.8846, 20.2218, 12.5807

Deuteranopia

20.4713, 20.1128, 13.3929



Tritanopia

19.7535, 20.3938, 25.0856

Trichromacy



Original Color

17.2532, 20.3248, 13.1389

Protanomaly

18.2513, 20.2662, 12.8474

Deuteranomaly

19.2121, 20.1905, 13.2405

Tritanomaly

18.7569, 20.3673, 20.0822

Monochromacy



Original Color

17.2532, 20.3248, 13.1389

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7679, 19.5342, 17.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2532, 20.3248, 13.1389 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(118, 129, 92)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 92)  
}
```

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(118, 129, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.2532, 20.3248, 13.1389 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(118, 129, 92) }
```


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

```
.border{ border-color:rgb(118, 129, 92) }
```

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

Here you see how a box with a 4 pixel rgb(118, 129, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 92);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2532, 20.3248, 13.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 92) }
```

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

```
.background{ background-color: rgb(118,  
129, 92) }
```

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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