

Converting Colors

XYZ(16.7081, 17.2016, 15.4736)

Have a look what the booklet for
XYZ(16.7081, 17.2016, 15.4736)
contains.

XYZ(16.8282, 17.3192, 15.5527)	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(16.8282, 17.3192,
15.5527)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7268
RGB	124, 114, 104
RGB Percent	49%, 45%, 41%
CMY	0.5137, 0.5529, 0.5922
CMYK	0.00, 0.08, 0.16, 0.51
HSL	30°, 9%, 45%
HSV	30°, 16%, 49%
XYZ	16.8282, 17.3192, 15.5527
YIQ	115.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

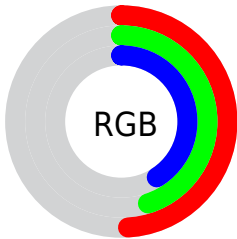
Format	Color
R_{YB}	124, 124, 104
Decimal	8155752
CIE _{Lab}	48.66, 2.06, 6.94
CIE _{LCh}	49, 7.233, 73.495
Yxy	17.3192, 0.3386, 0.3485
Android (android.graphics.Color)	4286345832 (0xFF7C7268)
YUV	115.8500, -5.8420, 7.1476
Hunter-Lab	41.6163, -0.6494, 6.9738

Details

The XYZ color **16.8282, 17.3192, 15.5527** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3643, 16.4326, 21.4310**, and the grayscale version is **16.5703, 17.4332, 18.9848**.

A 20% lighter version of the original color is **37.6841, 38.9861, 36.5493**, and **5.5884, 5.6877, 4.6742** is the 20% darker color. If you saturate the color by 10%, you get **15.5686, 15.7348, 12.2505**, and if you desaturate by 10%, it is **18.2288, 19.0369, 19.3593**.

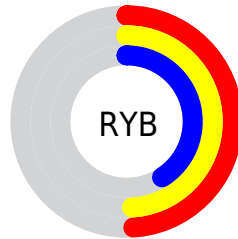
Distribution



Red (49%)

Green (45%)

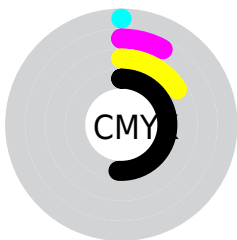
Blue (41%)



Red (49%)

Yellow (49%)

Blue (41%)

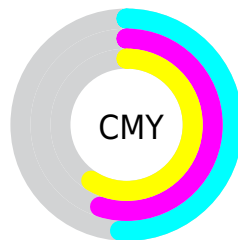


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8282, 17.3192, 15.5527 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 16.8282, 17.3192, 15.5527 by changing the saturation by 10% instead.

■ 16.8282, 17.3192,
15.5527

■ 16.8282, 17.3192,
15.5527

227.3560,
237.0052, 238.4425

■ 10.2066, 10.4623,
9.0573

■ 37.5761, 38.8738,
36.5758

■ 5.5995, 5.7066,
4.6812

■ 52.4331, 54.3403,
51.9406

■ 2.6414, 2.6675,
2.0060

■ 70.7661, 73.4455,
71.0989

■ 0.9671, 0.9607,
0.5590

■ 92.9402, 96.5737,
94.4693

■ 0.0000, 0.0000,
0.0000

119.3209,
124.1094, 122.4704

150.2735,

156.4369, 155.5205

186.1634,
193.9407, 194.0384

■ 16.8282, 17.3192,
15.5527

■ 16.8282, 17.3192,
15.5527

■ 15.5686, 15.7348,
12.2505

■ 18.2288, 19.0369,
19.3593

■ 14.4436, 14.2781,
9.4302

■ 19.7736, 20.8891,
23.6894

■ 13.4484, 12.9461,
7.0689

■ 21.4676, 22.8796,
28.5626

■ 12.5774, 11.7349,
5.1417

■ 23.3151, 25.0115,
33.9968

■ 11.8243, 10.6405,
3.6212

■ 25.3200, 27.2878,
40.0095

■ 11.1823, 9.6584,
2.4766

■ 27.4864, 29.7114,
46.6172

■ 10.6438, 8.7837,
1.6730

■ 29.8179, 32.2850,
53.8357

■ 10.1955, 8.0094,
1.1465

■ 32.3182, 35.0113,
61.6803

■ 10.0357, 7.7321,
0.9635

■ 34.9908, 37.8930,
70.1658

Harmonies

Analogous

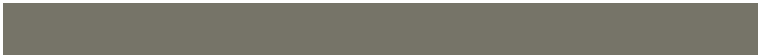
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4088, 17.3192, 16.4424



16.8282, 17.3192, 15.5527



16.1641, 17.3192, 15.5088

Triad

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



16.8282, 17.3192, 15.5527



15.2463, 17.3192, 19.7273



17.3594, 17.3192, 21.6478

Complementary

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



16.8282, 17.3192, 15.5527



15.3643, 16.4326, 21.4310

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.



16.7623, 17.3192, 22.6569



16.8282, 17.3192, 15.5527



15.5490, 17.3192, 21.4986

Square

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



16.8282, 17.3192, 15.5527



15.2628, 17.3192, 17.8339



16.0999, 17.3192, 22.6005



17.7211, 17.3192, 19.9198

Rectangle

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



16.8282, 17.3192, 15.5527



15.7642, 17.3192, 15.9592



16.0999, 17.3192, 22.6005



17.1789, 17.3192, 22.0873

Sweetspot

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



16.8287, 17.3200, 15.5531



32.3410, 33.8186, 34.7947



16.3000, 15.4009, 18.0334



7.5811, 7.9216, 8.0960



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.8287, 17.3200, 15.5531



28.8507, 29.5267, 25.3423



18.0187, 19.7001, 15.9497



4.1485, 4.3154, 4.2388



10.1996, 7.8550, 0.9786



47.8017, 35.7669, 4.3843

Inverse Universe

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



15.3643, 16.4326, 21.4310



25.8118, 27.6852, 37.5400



14.2976, 14.2992, 21.0754



3.9477, 4.1937, 5.0446



5.4462, 4.9748, 20.0585



25.1278, 22.0282, 95.3973

Previews

White Background



This preview shows how the XYZ color 16.8282, 17.3192, 15.5527 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 16.8282, 17.3192, 15.5527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

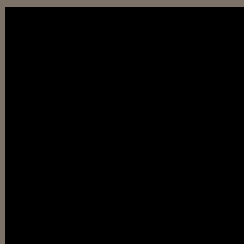
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

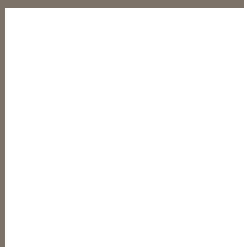
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8282, 17.3192, 15.5527

Background



This preview shows how black text looks on a background with the XYZ color 16.8282, 17.3192, 15.5527.



This preview shows how white text looks on a background with the XYZ color 16.8282, 17.3192,

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

16.8282, 17.3192, 15.5527

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

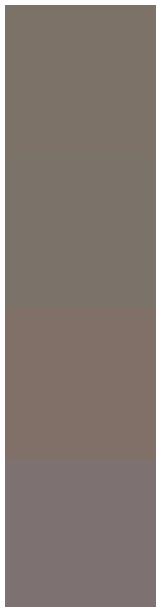
17.5432, 17.1936, 15.4908



Tritanopia

17.7885, 17.3800, 20.1864

Trichromacy



Original Color

16.8282, 17.3192, 15.5527

Protanomaly

16.5657, 17.3463, 15.8397

Deuteranomaly

17.1949, 17.1770, 15.5059

Tritanomaly

17.3998, 17.3851, 18.3582

Monochromacy



Original Color

16.8282, 17.3192, 15.5527

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6631, 17.3533, 17.8005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8282, 17.3192, 15.5527 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, 114, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 104)  
}
```

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, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 104) }
```

Border

The CSS property to change the border of an element to XYZ 16.8282, 17.3192, 15.5527 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, 114, 104) }
```


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

```
.border{ border-color:rgb(124, 114, 104) }
```

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

Here you see how a box with a 4 pixel rgb(124, 114, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8282, 17.3192, 15.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 104) }
```

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

```
.background{ background-color: rgb(124,  
114, 104) }
```

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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