

Converting Colors

XYZ(16.4073, 17.6304, 2.7814)

Have a look what the booklet for
XYZ(16.4073, 17.6304, 2.7814)
contains.

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Color

**XYZ(16.3279, 17.5132,
2.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	887308
RGB	136, 115, 8
RGB Percent	53%, 45%, 3%
CMY	0.4667, 0.5490, 0.9686
CMYK	0.00, 0.15, 0.94, 0.47
HSL	50°, 89%, 28%
HSV	50°, 94%, 53%
XYZ	16.3279, 17.5132, 2.7495
YIQ	109.0810, 46.8630, -28.8250

Conversions

Conversions Part 2

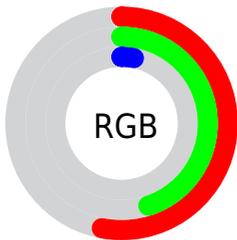
Format	Color
RYB	33, 136, 8
Decimal	8942344
CIELab	48.90, -1.79, 53.22
CIElCh	49, 53.251, 91.929
Yxy	17.5132, 0.4462, 0.4786
Android (android.graphics.Color)	4287132424 (0xFF887308)
YUV	109.0810, -49.8329, 23.6080
Hunter-Lab	41.8488, -3.5910, 25.3987

Details

The XYZ color **16.3279, 17.5132, 2.7495** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.9835, 2.7080, 23.5525**, and the grayscale version is **14.6871, 15.4520, 16.8272**.

A 20% lighter version of the original color is **36.8242, 39.3801, 10.9705**, and **5.4868, 5.8081, 0.8319** is the 20% darker color. If you saturate the color by 10%, you get **16.1357, 17.1991, 2.4693**, and if you desaturate by 10%, it is **16.6830, 18.0679, 3.3474**.

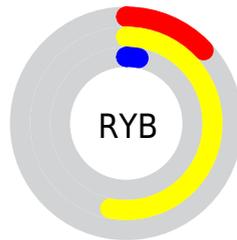
Distribution



Red (53%)

Green (45%)

Blue (3%)



Red (13%)

Yellow (53%)

Blue (3%)

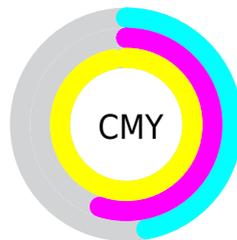


Cyan (0%)

Magenta (15%)

Yellow (94%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3279, 17.5132, 2.7495 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 16.3279, 17.5132, 2.7495 by changing the saturation by 10% instead.

■ 16.3279, 17.5132,
2.7495

■ 16.3279, 17.5132,
2.7495

224.5014,
238.1127, 133.1033

■ 9.8488, 10.6011,
0.9682

■ 36.7194, 39.2061,
11.0038

■ 5.3603, 5.7993,
0.0000

■ 51.3625, 54.7556,
18.3139

■ 2.4971, 2.7234,
0.0000

■ 69.4576, 73.9530,
28.3039

■ 0.8938, 0.9891,
0.0000

■ 91.3702, 97.1827,
41.3926

■ 0.0000, 0.0000,
0.0000

■ 117.4655,
124.8292, 57.9983

■ 148.1089,

157.2767, 78.5396

 183.6657,
194.9098, 103.4351

 16.3279, 17.5132,
2.7495

 16.3279, 17.5132,
2.7495

 16.1357, 17.1991,
2.4693

 16.6830, 18.0679,
3.3474

 17.1121, 18.6615,
4.3063

 17.6259, 19.2989,
5.6803

 18.2325, 19.9836,
7.5122

 18.9391, 20.7183,
9.8393

■ 19.7520, 21.5058,
12.6950

■ 20.6772, 22.3484,
16.1099

■ 21.7199, 23.2483,
20.1123

■ 22.8852, 24.2077,
24.7284

Harmonies

Analogous

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



21.5317, 17.5132, 3.7223



16.3279, 17.5132, 2.7495



12.1076, 17.5132, 4.0392

Triad

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



16.3279, 17.5132, 2.7495



9.8112, 17.5132, 37.3945



26.5212, 17.5132, 34.9629

Complementary

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



16.3279, 17.5132, 2.7495



4.9835, 2.7080, 23.5525

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.



22.1962, 17.5132, 52.7630



16.3279, 17.5132, 2.7495



12.5613, 17.5132, 54.5894

Square

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



16.3279, 17.5132, 2.7495



8.8381, 17.5132, 19.9999



16.9677, 17.5132, 61.2707



28.0684, 17.5132, 18.1673

Rectangle

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



16.3279, 17.5132, 2.7495



10.2277, 17.5132, 6.7258



16.9677, 17.5132, 61.2707



25.3067, 17.5132, 41.2649

Sweetspot

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



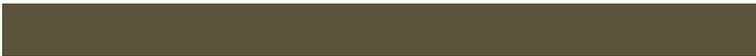
16.3283, 17.5140, 2.7498



35.6817, 38.7051, 25.5611



10.4662, 5.4984, 1.6941



8.1223, 8.8340, 5.4018



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.



16.3283, 17.5140, 2.7498



28.3405, 30.1189, 4.3198



13.3962, 19.9704, 3.3785



5.3624, 5.7077, 5.3715



15.2777, 16.2899, 2.3390



0.1101, 0.1255, 0.0184

Inverse Universe

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



4.9835, 2.7080, 23.5525



8.2675, 4.0046, 41.3856



5.8795, 2.6466, 23.4934



4.8367, 5.0163, 6.3192



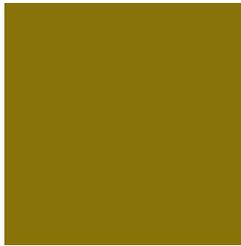
4.4882, 2.2468, 22.2428



0.0370, 0.0293, 0.1502

Previews

White Background



This preview shows how the XYZ color 16.3279, 17.5132, 2.7495 looks on a white background.

Color Contrast Check

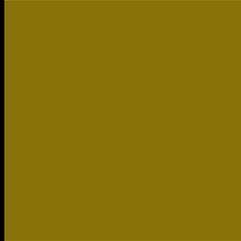
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3279, 17.5132, 2.7495 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 16.3279, 17.5132, 2.7495

Background



This preview shows how black text looks on a background with the XYZ color 16.3279, 17.5132, 2.7495.



This preview shows how white text looks on a background with the XYZ color 16.3279, 17.5132,

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

16.3279, 17.5132, 2.7495

Protanopia

15.7707, 17.5676, 2.8181

Deuteranopia

17.6948, 17.3894, 2.8758



Tritanopia

19.5075, 17.5040, 18.5701

Trichromacy



Original Color

16.3279, 17.5132, 2.7495

Protanomaly

15.9676, 17.4971, 2.7941

Deuteranomaly

17.1882, 17.4545, 2.8110

Tritanomaly

17.6957, 17.2491, 9.2342

Monochromacy



Original Color

16.3279, 17.5132, 2.7495

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4619, 15.7587, 8.4104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3279, 17.5132, 2.7495 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(136, 115, 8)` looks like.

```
.text, #text, p{  
    color:rgb(136, 115, 8)  
}
```

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(136, 115, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 115, 8) }
```

Border

The CSS property to change the border of an element to XYZ 16.3279, 17.5132, 2.7495 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(136, 115, 8) }
```

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

```
.border{ border-color:rgb(136, 115, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 115, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 115, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 115, 8);  
box-shadow:4px 4px 4px 4px rgb(136, 115,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3279, 17.5132, 2.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 115, 8) }
```

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

```
.background{ background-color: rgb(136,  
115, 8) }
```

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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