

Converting Colors

XYZ(17.5496, 20.4292, 3.0183)

Have a look what the booklet for
XYZ(17.5496, 20.4292, 3.0183)
contains.

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Color

**XYZ(17.5507, 20.5067,
3.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	868000
RGB	134, 128, 0
RGB Percent	53%, 50%, 0%
CMY	0.4745, 0.4980, 1.0000
CMYK	0.00, 0.04, 1.00, 0.47
HSL	57°, 100%, 26%
HSV	57°, 100%, 53%
XYZ	17.5507, 20.5067, 3.0332
YIQ	115.2020, 44.6640, -38.5360

Conversions

Conversions Part 2

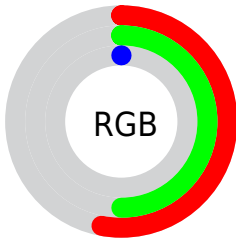
Format	Color
R_{YB}	6, 134, 0
Decimal	8814592
CIE Lab	52.41, -10.13, 57.31
CIE LCh	52, 58.200, 100.022
Yxy	20.5067, 0.4271, 0.4991
Android (android.graphics.Color)	4287004672 (0xFF868000)
YUV	115.2020, -56.7946, 16.4858
Hunter-Lab	45.2843, -10.0669, 27.7277

Details

The XYZ color **17.5507, 20.5067, 3.0332** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.3683, 1.8516, 22.6812**, and the grayscale version is **16.5156, 17.3757, 18.9221**.

A 20% lighter version of the original color is **38.7905, 44.1122, 11.6243**, and **6.1042, 7.2974, 1.0868** is the 20% darker color. If you saturate the color by 10%, you get **17.5511, 20.5075, 3.0333**, and if you desaturate by 10%, it is **17.7049, 20.6947, 3.4561**.

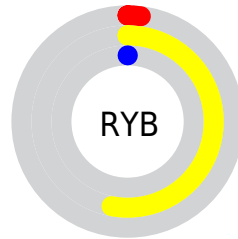
Distribution



Red (53%)

Green (50%)

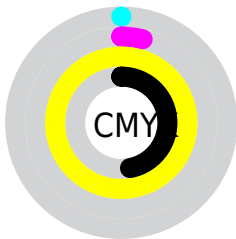
Blue (0%)



Red (2%)

Yellow (53%)

Blue (0%)

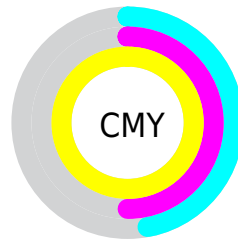


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5507, 20.5067, 3.0332 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 17.5507, 20.5067, 3.0332 by changing the saturation by 10% instead.

■ 17.5507, 20.5067,
3.0332

■ 17.5507, 20.5067,
3.0332

231.4211,
254.6451, 136.7824

■ 10.7256, 12.7639,
1.1116

■ 38.8063, 44.2651,
11.7103

■ 5.9486, 7.2662,
0.0000

■ 53.9676, 61.0495,
19.3028

■ 2.8542, 3.6291,
0.0000

■ 72.6383, 81.6165,
29.6227

■ 1.0771, 1.4683,
0.0000

■ 95.1839, 106.3506,
43.0886


■ 0.0059, 0.2663,
0.0000


■ 121.9696,
135.6361, 60.1190


■ 0.0000, 0.0000,
0.0000


■ 153.3608,


169.8574, 81.1324


 189.7228,
209.3989, 106.5473


 17.5507, 20.5067,
3.0332


 17.5507, 20.5067,
3.0332


 17.5511, 20.5075,
3.0333

 17.7049, 20.6947,
3.4561

 17.9041, 20.9006,
4.1160

 18.1744, 21.1357,
5.1479

 18.5244, 21.4035,
6.5971

 18.9614, 21.7068,
8.5022

■ 19.4919, 22.0482,
10.8974

■ 20.1218, 22.4301,
13.8138

■ 20.8566, 22.8548,
17.2799

■ 21.7011, 23.3241,
21.3220

Harmonies

Analogous

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



23.7064, 20.5067, 3.4427



17.5507, 20.5067, 3.0332



12.9710, 20.5067, 5.3758

Triad

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



17.5507, 20.5067, 3.0332



11.9210, 20.5067, 51.0443



32.4749, 20.5067, 35.6332

Complementary

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



17.5507, 20.5067, 3.0332



4.3683, 1.8516, 22.6812

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.



27.8953, 20.5067, 58.4127



17.5507, 20.5067, 3.0332



15.8075, 20.5067, 70.0287

Square

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



17.5507, 20.5067, 3.0332



10.1914, 20.5067, 28.5886



21.5693, 20.5067, 73.2586



33.2091, 20.5067, 17.0559

Rectangle

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



17.5507, 20.5067, 3.0332



11.1053, 20.5067, 9.5495



21.5693, 20.5067, 73.2586



31.2955, 20.5067, 43.2522

Sweetspot

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



17.5512, 20.5077, 3.0336



35.3733, 39.4729, 23.9662



9.8683, 5.0832, 0.6537



7.8763, 8.8372, 4.9667



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.5512, 20.5077, 3.0336



30.8932, 36.0720, 5.3343



11.3264, 18.4942, 2.9731



5.0224, 5.3883, 5.0047



16.4502, 19.2230, 2.8434



0.0584, 0.0693, 0.0103

Inverse Universe

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



4.3683, 1.8516, 22.6812



7.6658, 3.2011, 39.9522



6.1851, 2.6916, 22.7476



4.4500, 4.5755, 5.8494



4.0958, 1.7394, 21.2566



0.0152, 0.0081, 0.0740

Previews

White Background



This preview shows how the XYZ color 17.5507, 20.5067, 3.0332 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 17.5507, 20.5067, 3.0332 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 17.5507, 20.5067, 3.0332

Background



This preview shows how black text looks on a background with the XYZ color 17.5507, 20.5067, 3.0332.



This preview shows how white text looks on a background with the XYZ color 17.5507, 20.5067,

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

17.5507, 20.5067, 3.0332

Protanopia

18.3181, 20.3300, 2.9586

Deuteranopia

20.8066, 20.5064, 3.4338



Tritanopia

21.6484, 20.5029, 23.2385

Trichromacy



Original Color

17.5507, 20.5067, 3.0332

Protanomaly

17.9421, 20.3250, 2.9775

Deuteranomaly

19.4144, 20.3328, 3.2180

Tritanomaly

19.0922, 20.0021, 10.6391

Monochromacy



Original Color

17.5507, 20.5067, 3.0332

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9451, 18.0516, 8.9472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5507, 20.5067, 3.0332 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(134, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 128, 0)  
}
```

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(134, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 128, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5507, 20.5067, 3.0332 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(134, 128, 0) }
```


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

```
.border{ border-color:rgb(134, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 128,  
box-shadow:4px 4px 4px 4px rgb(134, 128,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5507, 20.5067, 3.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 128, 0) }
```

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

```
.background{ background-color: rgb(134,  
128, 0) }
```

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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