

Converting Colors

XYZ(13.2205, 16.6374, 13.0507)

Have a look what the booklet for
XYZ(13.2205, 16.6374, 13.0507)
contains.

XYZ(13.1505, 16.5164, 13.0846)	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(13.1505, 16.5164,
13.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	5C785E
RGB	92, 120, 94
RGB Percent	36%, 47%, 37%
CMY	0.6392, 0.5294, 0.6314
CMYK	0.23, 0.00, 0.22, 0.53
HSL	124°, 13%, 42%
HSV	124°, 23%, 47%
XYZ	13.1505, 16.5164, 13.0846
YIQ	108.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

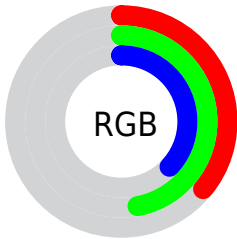
Format	Color
R_{YB}	92, 118, 120
Decimal	6060126
CIE _{Lab}	47.64, -15.73, 11.04
CIE _{LCh}	48, 19.212, 144.937
Yxy	16.5164, 0.3076, 0.3863
Android (android.graphics.Color)	4284250206 (0xFF5C785E)
YUV	108.6640, -7.2294, -14.6143
Hunter-Lab	40.6404, -13.3612, 9.3592

Details

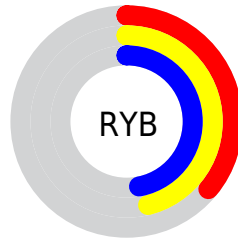
The XYZ color **13.1505, 16.5164, 13.0846** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.8435, 12.9558, 18.8586**, and the grayscale version is **14.4626, 15.2157, 16.5699**.

A 20% lighter version of the original color is **31.1143, 37.3583, 31.9565**, and **3.8689, 5.2778, 3.6111** is the 20% darker color. If you saturate the color by 10%, you get **11.5810, 15.7614, 10.5868**, and if you desaturate by 10%, it is **14.9831, 17.3996, 15.9723**.

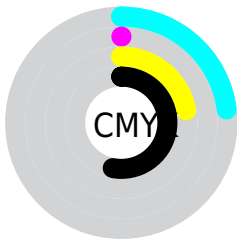
Distribution



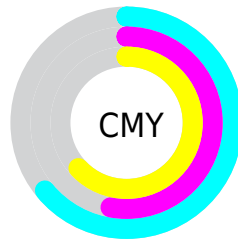
- Red (36%)
- Green (47%)
- Blue (37%)



- Red (36%)
- Yellow (46%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1505, 16.5164, 13.0846 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 13.1505, 16.5164, 13.0846 by changing the saturation by 10% instead.

■ 13.1505, 16.5164,
13.0846

■ 13.1505, 16.5164,
13.0846

205.4981,
232.3699, 222.6860

■ 7.6100, 9.8903,
7.3554

■ 31.1729, 37.4924,
32.1491

■ 3.8961, 5.3263,
3.6036

■ 44.3855, 52.6111,
46.3215

■ 1.6435, 2.4400,
1.4105

■ 60.8862, 71.3295,
64.1454

■ 0.4205, 0.8463,
0.1499

■ 81.0403, 94.0319,
86.0393

■ 0.0000, 0.0000,
0.0000

105.2132,
121.1027, 112.4218

133.7702,

152.9264, 143.7113

167.0767,
189.8873, 180.3266

■ 13.1505, 16.5164,
13.0846

■ 13.1505, 16.5164,
13.0846

■ 11.5810, 15.7614,
10.5868

■ 14.9831, 17.3996,
15.9723

■ 10.2611, 15.1267,
8.4612

■ 17.0886, 18.4143,
19.2644

■ 9.1785, 14.6067,
6.6903

■ 19.4780, 19.5664,
22.9761

■ 8.3190, 14.1944,
5.2548

■ 22.1614, 20.8608,
27.1214

■ 7.6669, 13.8824,
4.1335

■ 25.1483, 22.3021,
31.7137

■ 7.2048, 13.6621,
3.3029

■ 28.4477, 23.8946,
36.7659

■ 6.9104, 13.5226,
2.7361

■ 32.0685, 25.6426,
42.2901

■ 6.7638, 13.4524,
2.4863

■ 36.0189, 27.5503,
48.2983

■ 40.3071, 29.6214,
54.8018

Harmonies

Analogous

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



14.3484, 16.5164, 10.7062



13.1505, 16.5164, 13.0846



12.6369, 16.5164, 17.1627

Triad

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



13.1505, 16.5164, 13.0846



15.4090, 16.5164, 29.1288



18.8830, 16.5164, 14.2878

Complementary

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



13.1505, 16.5164, 13.0846



14.8435, 12.9558, 18.8586

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.



19.2182, 16.5164, 18.8302



13.1505, 16.5164, 13.0846



17.1304, 16.5164, 27.9806

Square

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



13.1505, 16.5164, 13.0846



13.8788, 16.5164, 26.8760



18.5557, 16.5164, 23.9741



17.6704, 16.5164, 11.3071

Rectangle

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



13.1505, 16.5164, 13.0846



12.7224, 16.5164, 20.5297



18.5557, 16.5164, 23.9741



19.1056, 16.5164, 15.6571

Sweetspot

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



13.1509, 16.5171, 13.0850



28.5754, 31.6731, 31.5735



16.1383, 18.0674, 12.7622



6.7350, 7.4884, 7.4247



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.1509, 16.5171, 13.0850



21.5954, 28.3109, 20.5785



13.8303, 16.7888, 16.6623



3.9614, 4.4542, 4.3307



7.3762, 14.6741, 2.7000



35.0614, 69.9476, 12.2271

Inverse Universe

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



14.8435, 12.9558, 18.8586



25.1206, 20.8920, 32.6030



14.0789, 12.6499, 14.8323



4.1427, 4.0728, 4.9492



11.6039, 5.6177, 17.0030



55.2191, 26.7440, 80.4068

Previews

White Background



This preview shows how the XYZ color 13.1505, 16.5164, 13.0846 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 13.1505, 16.5164, 13.0846 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 13.1505, 16.5164, 13.0846

Background



This preview shows how black text looks on a background with the XYZ color 13.1505, 16.5164, 13.0846.



This preview shows how white text looks on a background with the XYZ color 13.1505, 16.5164,

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

13.1505, 16.5164, 13.0846

Protanopia

15.4963, 16.5415, 12.0489

Deuteranopia

16.5271, 16.2368, 13.3293



Tritanopia

14.8768, 16.5128, 21.8052

Trichromacy



Original Color

13.1505, 16.5164, 13.0846

Protanomaly

14.5641, 16.5611, 12.3265

Deuteranomaly

15.0622, 16.1276, 13.1455

Tritanomaly

14.1179, 16.3704, 18.3353

Monochromacy



Original Color

13.1505, 16.5164, 13.0846

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.9973, 15.6933, 15.3881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1505, 16.5164, 13.0846 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(92, 120, 94) looks like.

```
.text, #text, p{  
    color:rgb(92, 120, 94)  
}
```

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(92, 120, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 120, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.1505, 16.5164, 13.0846 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(92, 120, 94) }
```


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

```
.border{ border-color:rgb(92, 120, 94) }
```

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

Here you see how a box with a 4 pixel rgb(92, 120, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 120, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 120, 94);  
box-shadow:4px 4px 4px 4px rgb(92, 120,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1505, 16.5164, 13.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 120, 94) }
```

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

```
.background{ background-color: rgb(92, 120,  
94) }
```

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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