

Converting Colors

XYZ(14.7591, 19.6218, 13.7782)

Have a look what the booklet for
XYZ(14.7591, 19.6218, 13.7782)
contains.

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Color

**XYZ(14.7305, 19.6041,
13.8341)**

Conversions

Conversions Part 1

Format	Color
Hex	5C845F
RGB	92, 132, 95
RGB Percent	36%, 52%, 37%
CMY	0.6392, 0.4823, 0.6274
CMYK	0.30, 0.00, 0.28, 0.48
HSL	125°, 18%, 44%
HSV	125°, 30%, 52%
XYZ	14.7305, 19.6041, 13.8341
YIQ	115.8220, -11.9630, -19.9870

Conversions

Conversions Part 2

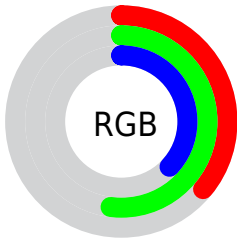
Format	Color
R_{YB}	92, 129, 132
Decimal	6063199
CIE _{Lab}	51.39, -21.89, 15.64
CIE _{LCh}	51, 26.899, 144.452
Yxy	19.6041, 0.3058, 0.4070
Android (android.graphics.Color)	4284253279 (0xFF5C845F)
YUV	115.8220, -10.2652, -20.8919
Hunter-Lab	44.2765, -18.0982, 12.4685

Details

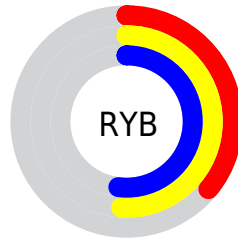
The XYZ color **14.7305, 19.6041, 13.8341** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3060, 14.1453, 22.5879**, and the grayscale version is **16.5795, 17.4429, 18.9953**.

A 20% lighter version of the original color is **33.8650, 42.6129, 33.6344**, and **4.6104, 6.7918, 3.9737** is the 20% darker color. If you saturate the color by 10%, you get **13.0128, 18.7784, 11.0802**, and if you desaturate by 10%, it is **16.7660, 20.5848, 17.0580**.

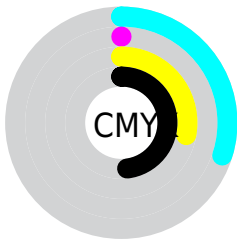
Distribution



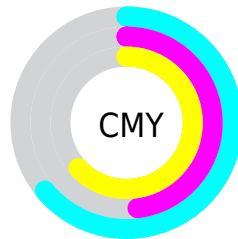
- Red (36%)
- Green (52%)
- Blue (37%)



- Red (36%)
- Yellow (51%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7305, 19.6041, 13.8341 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 14.7305, 19.6041, 13.8341 by changing the saturation by 10% instead.

■ 14.7305, 19.6041,
13.8341

■ 14.7305, 19.6041,
13.8341

215.1500,
249.7637, 227.5887

■ 8.7155, 12.1076,
7.8679

■ 33.9553, 42.7524,
33.5073

■ 4.6117, 6.8170,
3.9240

■ 47.8958, 59.1730,
48.0513

■ 2.0537, 3.3479,
1.5837

■ 65.2088, 79.3371,
66.2918

■ 0.6639, 1.3160,
0.2792

■ 86.2598, 103.6291,
88.6472

■ 0.0000, 0.1535,
0.0000

111.4141,
132.4334, 115.5360

■ 0.0000, 0.0000,
0.0000

141.0370,

166.1343, 147.3769

175.4938,
205.1163, 184.5883

■ 14.7305, 19.6041,
13.8341

■ 14.7305, 19.6041,
13.8341

■ 13.0128, 18.7784,
11.0802

■ 16.7660, 20.5848,
17.0580

■ 11.5955, 18.0973,
8.7730

■ 19.1327, 21.7251,
20.7708

■ 10.4617, 17.5533,
6.8894


■ 21.8449, 23.0327,
24.9924


■ 9.5923, 17.1371,
5.4036


■ 24.9159, 24.5139,
29.7408


■ 8.9657, 16.8381,
4.2872


■ 28.3579, 26.1747,
35.0333


 8.5570, 16.6443,
3.5077

 32.1828, 28.0210,
40.8865

 8.3059, 16.5250,
3.0362

 36.4020, 30.0581,
47.3161

 41.0262, 32.2914,
54.3373

 46.0659, 34.7258,
61.9647

Harmonies

Analogous

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



16.5714, 19.6041, 10.4939



14.7305, 19.6041, 13.8341



13.9409, 19.6041, 19.9440

Triad

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



14.7305, 19.6041, 13.8341



18.1371, 19.6041, 39.7638



23.7541, 19.6041, 15.7779

Complementary

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



14.7305, 19.6041, 13.8341



17.3060, 14.1453, 22.5879

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.



24.2752, 19.6041, 22.8112



14.7305, 19.6041, 13.8341



20.8592, 19.6041, 37.8861

Square

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



14.7305, 19.6041, 13.8341



15.7825, 19.6041, 35.8235



23.1705, 19.6041, 31.1774



21.8078, 19.6041, 11.4123

Rectangle

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



14.7305, 19.6041, 13.8341



14.0562, 19.6041, 25.2636



23.1705, 19.6041, 31.1774



24.1091, 19.6041, 17.8551

Sweetspot

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



14.7310, 19.6049, 13.8345



34.1972, 38.5063, 37.3616



19.2879, 21.9695, 13.3494



7.8285, 8.9008, 8.4903



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.



14.7310, 19.6049, 13.8345



23.9185, 33.5562, 21.1232



15.7409, 20.0089, 19.1524



4.6294, 5.2100, 5.0598



8.0427, 15.9999, 2.9445



0.0287, 0.0558, 0.0147

Inverse Universe

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



17.3060, 14.1453, 22.5879



29.1720, 22.4138, 38.9791



16.1218, 13.6716, 16.3519



4.8432, 4.7570, 5.7867



12.6217, 6.1130, 18.3781



0.0448, 0.0216, 0.0695

Previews

White Background



This preview shows how the XYZ color 14.7305, 19.6041, 13.8341 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 14.7305, 19.6041, 13.8341 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 14.7305, 19.6041, 13.8341

Background



This preview shows how black text looks on a background with the XYZ color 14.7305, 19.6041, 13.8341.



This preview shows how white text looks on a background with the XYZ color 14.7305, 19.6041,

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

14.7305, 19.6041, 13.8341

Protanopia

18.1651, 19.4825, 12.4760

Deuteranopia

19.7212, 19.3552, 14.2518



Tritanopia

17.3603, 19.6942, 26.5533

Trichromacy



Original Color

14.7305, 19.6041, 13.8341

Protanomaly

16.7287, 19.4763, 13.0028

Deuteranomaly

17.4294, 19.0672, 14.0710

Tritanomaly

16.2929, 19.6470, 21.3459

Monochromacy



Original Color

14.7305, 19.6041, 13.8341

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.7297, 18.1276, 16.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7305, 19.6041, 13.8341 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, 132, 95) looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 95)  
}
```

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, 132, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.7305, 19.6041, 13.8341 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, 132, 95) }
```


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

```
.border{ border-color:rgb(92, 132, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7305, 19.6041, 13.8341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 95) }
```

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

```
.background{ background-color: rgb(92, 132,  
95) }
```

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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