

Converting Colors

XYZ(16.5713, 13.4059, 5.2042)

Have a look what the booklet for
XYZ(16.5713, 13.4059, 5.2042)
contains.

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Color

**XYZ(16.5713, 13.4059,
5.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	965636
RGB	150, 86, 54
RGB Percent	59%, 34%, 21%
CMY	0.4118, 0.6627, 0.7882
CMYK	0.00, 0.43, 0.64, 0.41
HSL	20°, 47%, 40%
HSV	20°, 64%, 59%
XYZ	16.5713, 13.4059, 5.2042
YIQ	101.4880, 48.4160, 3.6160

Conversions

Conversions Part 2

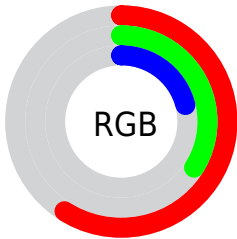
Format	Color
R_{YB}	150, 102, 54
Decimal	9852470
CIE _{Lab}	43.37, 23.43, 29.78
CIE _{LCh}	43, 37.888, 51.808
Yxy	13.4059, 0.4710, 0.3811
Android (android.graphics.Color)	4288042550 (0xFF965636)
YUV	101.4880, -23.4116, 42.5450
Hunter-Lab	36.6141, 16.7134, 17.2026

Details

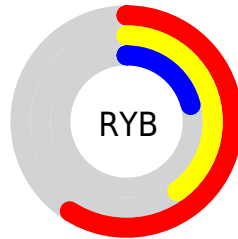
The XYZ color **16.5713, 13.4059, 5.2042** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.5044, 15.9423, 31.2194**, and the grayscale version is **12.5463, 13.1997, 14.3745**.

A 20% lighter version of the original color is **37.2149, 31.9775, 16.7812**, and **5.4941, 3.9037, 0.7224** is the 20% darker color. If you saturate the color by 10%, you get **15.5286, 11.8000, 3.3787**, and if you desaturate by 10%, it is **17.8350, 15.2801, 7.6397**.

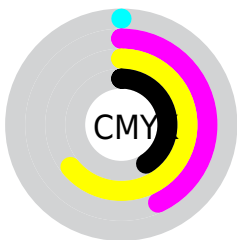
Distribution



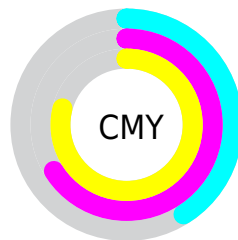
- Red (59%)
- Green (34%)
- Blue (21%)



- Red (59%)
- Yellow (40%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5713, 13.4059, 5.2042 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 16.5713, 13.4059, 5.2042 by changing the saturation by 10% instead.

■ 16.5713, 13.4059,
5.2042

■ 16.5713, 13.4059,
5.2042

225.8944,
213.5029, 160.7939

■ 10.0227, 7.7086,
2.3067

■ 37.1367, 32.0311,
16.7035

■ 5.4764, 3.9091,
0.7350

■ 51.8842, 45.7278,
26.1424

■ 2.5670, 1.6228,
0.0000

■ 70.0954, 62.8598,
38.5989

■ 0.9292, 0.3729,
0.0000

■ 92.1357, 83.8115,
54.4915

■ 0.0000, 0.0000,
0.0000

■ 118.3704,
108.9673, 74.2388

■ 149.1648,

138.7115, 98.2593

184.8844,
173.4286, 126.9714

■ 16.5713, 13.4059,
5.2042

■ 16.5713, 13.4059,
5.2042

■ 15.5286, 11.8000,
3.3787

■ 17.8350, 15.2801,
7.6397

■ 14.6910, 10.4470,
2.1064

■ 19.3322, 17.4328,
10.7336

■ 14.0414, 9.3327,
1.3198

■ 21.0755, 19.8762,
14.5303

■ 13.7185, 8.7657,
0.9689

■ 23.0760, 22.6211,
19.0699

■ 25.3444, 25.6776,
24.3896

■ 27.8907, 29.0556,
30.5241

■ 30.7241, 32.7642,
37.5060

■ 33.8538, 36.8122,
45.3659

■ 37.2881, 41.2083,
54.1332

Harmonies

Analogous

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



18.7518, 13.4059, 9.3652



16.5713, 13.4059, 5.2042



13.5654, 13.4059, 3.7134

Triad

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



16.5713, 13.4059, 5.2042



7.9209, 13.4059, 12.4069



14.9622, 13.4059, 35.4093

Complementary

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



16.5713, 13.4059, 5.2042



13.5044, 15.9423, 31.2194

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.



11.9524, 13.4059, 37.2356



16.5713, 13.4059, 5.2042



8.1766, 13.4059, 21.4843

Square

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



16.5713, 13.4059, 5.2042



8.7913, 13.4059, 6.6936



9.5532, 13.4059, 31.4013



17.7277, 13.4059, 27.0869

Rectangle

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



16.5713, 13.4059, 5.2042



11.6185, 13.4059, 3.7852



9.5532, 13.4059, 31.4013



13.9355, 13.4059, 36.9049

Sweetspot

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



16.5716, 13.4066, 5.2044



42.5159, 42.3468, 37.8214



17.1668, 10.4304, 18.2480



9.1964, 9.0797, 7.8552



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.5716, 13.4066, 5.2044



26.6937, 19.6918, 4.8338



21.7686, 23.8005, 6.9368



5.9494, 6.1125, 6.1067



11.4050, 7.3243, 0.8126



0.1646, 0.1396, 0.0183

Inverse Universe

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



13.5044, 15.9423, 31.2194



20.7599, 24.3967, 54.5361



9.2166, 7.3667, 29.7902



5.8029, 6.2397, 7.3683



8.3751, 9.4451, 25.3127



0.1297, 0.1700, 0.3189

Previews

White Background



This preview shows how the XYZ color 16.5713, 13.4059, 5.2042 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 16.5713, 13.4059, 5.2042 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 16.5713, 13.4059, 5.2042

Background



This preview shows how black text looks on a background with the XYZ color 16.5713, 13.4059, 5.2042.



This preview shows how white text looks on a background with the XYZ color 16.5713, 13.4059,

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

16.5713, 13.4059, 5.2042

Protanopia

12.4759, 13.5375, 6.2304

Deuteranopia

13.7176, 13.4864, 5.0121



Tritanopia

17.7276, 13.4146, 10.8874

Trichromacy



Original Color

16.5713, 13.4059, 5.2042

Protanomaly

13.6426, 13.2905, 5.8493

Deuteranomaly

14.6142, 13.4042, 5.0658

Tritanomaly

17.1603, 13.2876, 8.4978

Monochromacy



Original Color

16.5713, 13.4059, 5.2042

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.3909, 12.9278, 10.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5713, 13.4059, 5.2042 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(150, 86, 54)` looks like.

```
.text, #text, p{  
    color:rgb(150, 86, 54)  
}
```

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(150, 86, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 86, 54) }
```

Border

The CSS property to change the border of an element to XYZ 16.5713, 13.4059, 5.2042 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(150, 86, 54) }
```


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

```
.border{ border-color:rgb(150, 86, 54) }
```

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

Here you see how a box with a 4 pixel rgb(150, 86, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 86, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 86, 54);  
box-shadow:4px 4px 4px 4px rgb(150, 86,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5713, 13.4059, 5.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 86, 54) }
```

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

```
.background{ background-color: rgb(150, 86,  
54) }
```

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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