

Converting Colors

XYZ(17.5530, 13.6746, 5.2116)

Have a look what the booklet for
XYZ(17.5530, 13.6746, 5.2116)
contains.

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Color

**XYZ(17.5465, 13.6749,
5.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5436
RGB	156, 84, 54
RGB Percent	61%, 33%, 21%
CMY	0.3882, 0.6706, 0.7882
CMYK	0.00, 0.46, 0.65, 0.39
HSL	18°, 49%, 41%
HSV	18°, 65%, 61%
XYZ	17.5465, 13.6749, 5.2047
YIQ	102.1080, 52.5420, 5.9340

Conversions

Conversions Part 2

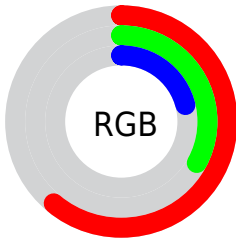
Format	Color
RYB	156, 97, 54
Decimal	10245174
CIELab	43.76, 27.10, 30.46
CIElCh	44, 40.767, 48.336
Yxy	13.6749, 0.4817, 0.3754
Android (android.graphics.Color)	4288435254 (0xFF9C5436)
YUV	102.1080, -23.7172, 47.2633
Hunter-Lab	36.9796, 19.9824, 17.5409

Details

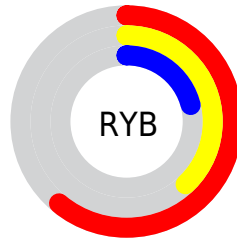
The XYZ color **17.5465, 13.6749, 5.2047** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.9824, 18.1052, 34.1574**, and the grayscale version is **12.7084, 13.3702, 14.5601**.

A 20% lighter version of the original color is **38.7938, 32.5834, 16.8149**, and **5.9664, 4.0522, 0.7261** is the 20% darker color. If you saturate the color by 10%, you get **16.4487, 11.9747, 3.3122**, and if you desaturate by 10%, it is **18.8968, 15.6923, 7.7614**.

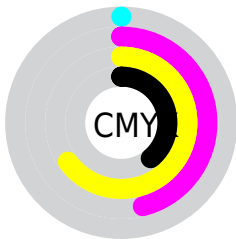
Distribution



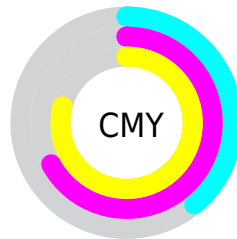
- Red (61%)
- Green (33%)
- Blue (21%)



- Red (61%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (39%)



- Cyan (39%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5465, 13.6749, 5.2047 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 17.5465, 13.6749, 5.2047 by changing the saturation by 10% instead.

■ 17.5465, 13.6749,
5.2047

■ 17.5465, 13.6749,
5.2047

231.3977,
215.1989, 160.7988

■ 10.7226, 7.8949,
2.3070

■ 38.7992, 32.5111,
16.7046

■ 5.9465, 4.0278,
0.7352

■ 53.9587, 46.3360,
26.1439

■ 2.8529, 1.6891,
0.0000

■ 72.6275, 63.6114,
38.6008

■ 1.0765, 0.4166,
0.0000

■ 95.1709, 84.7217,
54.4939

■ 0.0053, 0.0000,
0.0000

■ 121.9543,
110.0511, 74.2418

■ 0.0000, 0.0000,
0.0000

■ 153.3429,

139.9842, 98.2628

189.7023,
174.9053, 126.9757

■ 17.5465, 13.6749,
5.2047

■ 17.5465, 13.6749,
5.2047

■ 16.4487, 11.9747,
3.3122

■ 18.8968, 15.6923,
7.7614

■ 15.5846, 10.5723,
2.0194

■ 20.5147, 18.0406,
11.0371

■ 14.9323, 9.4488,
1.2436

■ 22.4152, 20.7350,
15.0816

■ 14.6829, 9.0132,
0.9658

■ 24.6116, 23.7893,
19.9401

■ 27.1165, 27.2165,
25.6541

■ 29.9417, 31.0288,
32.2625

■ 33.0984, 35.2380,
39.8017

■ 36.5971, 39.8551,
48.3060

■ 40.4480, 44.8911,
57.8081

Harmonies

Analogous

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



19.7793, 13.6749, 9.9932



17.5465, 13.6749, 5.2047



14.2855, 13.6749, 3.4218

Triad

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



17.5465, 13.6749, 5.2047



7.8424, 13.6749, 11.5948



15.0372, 13.6749, 38.7546

Complementary

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



17.5465, 13.6749, 5.2047



14.9824, 18.1052, 34.1574

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.



11.7895, 13.6749, 39.7706



17.5465, 13.6749, 5.2047



7.9758, 13.6749, 21.1701

Square

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



17.5465, 13.6749, 5.2047



8.9111, 13.6749, 5.9603



9.3118, 13.6749, 32.3793



18.1742, 13.6749, 29.9989

Rectangle

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



17.5465, 13.6749, 5.2047



12.1233, 13.6749, 3.3553



9.3118, 13.6749, 32.3793



13.9129, 13.6749, 40.1147

Sweetspot

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



17.5468, 13.6756, 5.2049



46.8999, 46.2274, 41.1953



18.8668, 11.2412, 21.2883



10.0641, 9.8211, 8.4831



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5468, 13.6756, 5.2049



29.1732, 20.6260, 4.9141



22.8874, 24.3568, 6.9851



6.7842, 6.9483, 6.9693



12.1213, 7.4782, 0.8046



0.2508, 0.2018, 0.0257

Inverse Universe

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



14.9824, 18.1052, 34.1574



24.0657, 29.0942, 61.4741



10.1135, 8.3673, 32.5344



6.6569, 7.1796, 8.4416



9.5765, 11.2445, 27.5729



0.2058, 0.2701, 0.5045

Previews

White Background



This preview shows how the XYZ color 17.5465, 13.6749, 5.2047 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 17.5465, 13.6749, 5.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

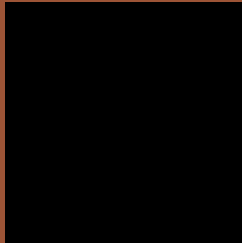
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5465, 13.6749, 5.2047

Background



This preview shows how black text looks on a background with the XYZ color 17.5465, 13.6749, 5.2047.



This preview shows how white text looks on a background with the XYZ color 17.5465, 13.6749,

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

17.5465, 13.6749, 5.2047

Protanopia

12.7320, 13.8150, 6.4104

Deuteranopia

13.9615, 13.7519, 5.0505



Tritanopia

18.6489, 13.6783, 10.4614

Trichromacy



Original Color

17.5465, 13.6749, 5.2047

Protanomaly

14.0917, 13.5220, 5.8703

Deuteranomaly

15.1038, 13.6566, 5.0887

Tritanomaly

18.0831, 13.5474, 8.1404

Monochromacy



Original Color

17.5465, 13.6749, 5.2047

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.7579, 12.9779, 10.3742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5465, 13.6749, 5.2047 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(156, 84, 54)` looks like.

```
.text, #text, p{  
    color:rgb(156, 84, 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(156, 84, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 84, 54) }
```

Border

The CSS property to change the border of an element to XYZ 17.5465, 13.6749, 5.2047 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(156, 84, 54) }
```


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

```
.border{ border-color:rgb(156, 84, 54) }
```

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

Here you see how a box with a 4 pixel rgb(156, 84, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 84, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 84, 54);  
box-shadow:4px 4px 4px 4px rgb(156, 84,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5465, 13.6749, 5.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 84, 54) }
```

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

```
.background{ background-color: rgb(156, 84,  
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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