

Converting Colors

XYZ(13.6569, 13.7266, 8.1548)

Have a look what the booklet for
XYZ(13.6569, 13.7266, 8.1548)
contains.

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Color

**XYZ(13.6449, 13.6603,
8.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	796449
RGB	121, 100, 73
RGB Percent	47%, 39%, 29%
CMY	0.5255, 0.6078, 0.7137
CMYK	0.00, 0.17, 0.40, 0.53
HSL	34°, 25%, 38%
HSV	34°, 40%, 47%
XYZ	13.6449, 13.6603, 8.2209
YIQ	103.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

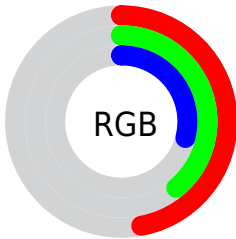
Format	Color
RYB	110, 121, 73
Decimal	7955529
CIELab	43.74, 4.30, 18.47
CIELCh	44, 18.966, 76.899
Yxy	13.6603, 0.3841, 0.3845
Android (android.graphics.Color)	4286145609 (0xFF796449)
YUV	103.2010, -14.8891, 15.6097
Hunter-Lab	36.9598, 1.2192, 12.6841

Details

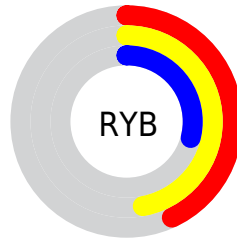
The XYZ color **13.6449, 13.6603, 8.2209** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.2014, 10.8020, 19.6364**, and the grayscale version is **12.9799, 13.6558, 14.8712**.

A 20% lighter version of the original color is **32.0350, 32.5370, 23.0042**, and **4.1395, 4.0666, 1.7292** is the 20% darker color. If you saturate the color by 10%, you get **12.7909, 12.5331, 6.1459**, and if you desaturate by 10%, it is **14.6106, 14.8860, 10.7186**.

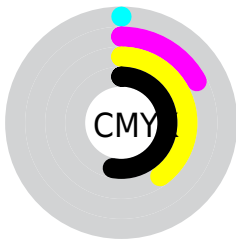
Distribution



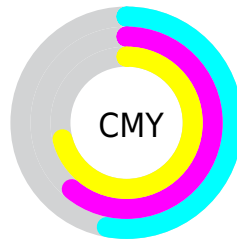
- Red (47%)
- Green (39%)
- Blue (29%)



- Red (43%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (53%)





- Cyan (53%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6449, 13.6603, 8.2209 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 13.6449, 13.6603, 8.2209 by changing the saturation by 10% instead.


 13.6449, 13.6603,
8.2209


 13.6449, 13.6603,
8.2209


208.5655,
215.1072, 187.4533


 7.9541, 7.8848,
4.1468


 32.0492, 32.4851,
22.9436


 4.1172, 4.0213,
1.7062

 45.4934, 46.3031,
34.4294


 1.7686, 1.6855,
0.3650

 62.2528, 63.5707,
49.2228

 0.4987, 0.4142,
0.0000

 82.6928, 84.6724,
67.7424

 0.0000, 0.0000,
0.0000

 107.1787,
109.9925, 90.4067

136.0759,

139.9154, 117.6343

169.7497,
174.8255, 149.8436

■ 13.6449, 13.6603,
8.2209

■ 13.6449, 13.6603,
8.2209

■ 12.7909, 12.5331,
6.1459

■ 14.6106, 14.8860,
10.7186

■ 12.0425, 11.4994,
4.4687

■ 15.6919, 16.2112,
13.6605

■ 11.3943, 10.5566,
3.1628

■ 16.8935, 17.6392,
17.0675

■ 10.8401, 9.7010,
2.1985

■ 18.2197, 19.1727,
20.9588

■ 10.3726, 8.9288,
1.5409

■ 19.6744, 20.8141,
25.3528

■ 9.9693, 8.2297,
1.0746

■ 21.2614, 22.5658,
30.2667

■ 9.9564, 8.2076,
1.0595

■ 22.9844, 24.4301,
35.7171

■ 24.8468, 26.4093,
41.7195

■ 26.8520, 28.5055,
48.2892

Harmonies

Analogous

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



15.0442, 13.6603, 9.6452



13.6449, 13.6603, 8.2209



12.1675, 13.6603, 8.3162

Triad

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



13.6449, 13.6603, 8.2209



10.4277, 13.6603, 17.3921



15.1930, 13.6603, 21.2236

Complementary

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



13.6449, 13.6603, 8.2209



10.2014, 10.8020, 19.6364

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.



13.8356, 13.6603, 24.2012



13.6449, 13.6603, 8.2209



11.1205, 13.6603, 21.7152

Square

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



13.6449, 13.6603, 8.2209



10.3852, 13.6603, 13.0880



12.3442, 13.6603, 24.3967



15.9830, 13.6603, 16.8149

Rectangle

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



13.6449, 13.6603, 8.2209



11.3363, 13.6603, 9.2234



12.3442, 13.6603, 24.3967



14.7834, 13.6603, 22.4590

Sweetspot

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



13.6452, 13.6609, 8.2212



29.6644, 30.8963, 28.8753



12.3152, 9.6492, 11.9449



6.7342, 7.0070, 6.4637



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.



13.6452, 13.6609, 8.2212



22.9727, 22.5344, 11.1638



15.5929, 18.0494, 8.9656



4.1679, 4.3542, 4.2453



10.6586, 8.7731, 1.1316



49.9837, 40.1308, 5.1116

Inverse Universe

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



10.2014, 10.8020, 19.6364



15.8558, 16.6303, 34.7672



8.7669, 7.6578, 19.1051



3.9285, 4.1552, 5.0382



5.0485, 4.1794, 19.9259



23.2648, 18.3023, 94.7763

Previews

White Background



This preview shows how the XYZ color 13.6449, 13.6603, 8.2209 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 13.6449, 13.6603, 8.2209 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 13.6449, 13.6603, 8.2209

Background



This preview shows how black text looks on a background with the XYZ color 13.6449, 13.6603, 8.2209.



This preview shows how white text looks on a background with the XYZ color 13.6449, 13.6603,

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

13.6449, 13.6603, 8.2209

Protanopia

12.6418, 13.5744, 8.4324

Deuteranopia

13.8328, 13.6157, 8.2023



Tritanopia

14.9432, 13.6301, 14.6752

Trichromacy



Original Color

13.6449, 13.6603, 8.2209

Protanomaly

13.0576, 13.6420, 8.4235

Deuteranomaly

13.6905, 13.5423, 8.1957

Tritanomaly

14.3748, 13.5330, 11.9797

Monochromacy



Original Color

13.6449, 13.6603, 8.2209

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1135, 13.5904, 12.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6449, 13.6603, 8.2209 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(121, 100, 73)` looks like.

```
.text, #text, p{  
    color:rgb(121, 100, 73)  
}
```

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(121, 100, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 100, 73) }
```

Border

The CSS property to change the border of an element to XYZ 13.6449, 13.6603, 8.2209 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(121, 100, 73) }
```


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

```
.border{ border-color:rgb(121, 100, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 100, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 100, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 100, 73);  
box-shadow:4px 4px 4px 4px rgb(121, 100,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6449, 13.6603, 8.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 100, 73) }
```

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

```
.background{ background-color: rgb(121,  
100, 73) }
```

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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