

Converting Colors

XYZ(13.9218, 13.2439, 13.1186)

Have a look what the booklet for
XYZ(13.9218, 13.2439, 13.1186)
contains.

XYZ(13.9036, 13.2640, 13.1367)	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(13.9036, 13.2640,
13.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	766161
RGB	118, 97, 97
RGB Percent	46%, 38%, 38%
CMY	0.5373, 0.6196, 0.6196
CMYK	0.00, 0.18, 0.18, 0.54
HSL	0°, 10%, 42%
HSV	0°, 18%, 46%
XYZ	13.9036, 13.2640, 13.1367
YIQ	103.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

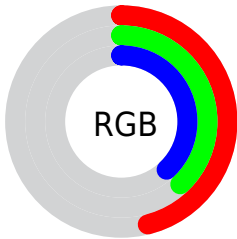
Format	Color
R_{YB}	118, 97, 97
Decimal	7758177
CIE Lab	43.16, 8.46, 3.17
CIE LCh	43, 9.033, 20.552
Yxy	13.2640, 0.3450, 0.3291
Android (android.graphics.Color)	4285948257 (0xFF766161)
YUV	103.2790, -3.0955, 12.9103
Hunter-Lab	36.4198, 4.4095, 4.1078

Details

The XYZ color **13.9036, 13.2640, 13.1367** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6782, 16.8060, 19.6100**, and the grayscale version is **12.9719, 13.6475, 14.8621**.

A 20% lighter version of the original color is **32.5128, 31.8640, 32.4537**, and **4.2356, 3.8719, 3.6561** is the 20% darker color. If you saturate the color by 10%, you get **12.3836, 11.0398, 10.1144**, and if you desaturate by 10%, it is **15.6684, 15.8465, 16.6447**.

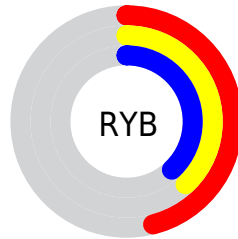
Distribution



Red (46%)

Green (38%)

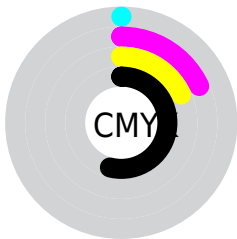
Blue (38%)



Red (46%)

Yellow (38%)

Blue (38%)

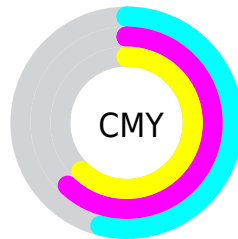


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (54%)



Cyan (54%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9036, 13.2640, 13.1367 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 13.9036, 13.2640, 13.1367 by changing the saturation by 10% instead.

■ 13.9036, 13.2640,
13.1367

■ 13.9036, 13.2640,
13.1367

210.1529,
212.6027, 223.0304

■ 8.1349, 7.6106,
7.3909

■ 32.5056, 31.7773,
32.2439

■ 4.2339, 3.8468,
3.6256

■ 46.0696, 45.4059,
46.4425

■ 1.8353, 1.5882,
1.4223

■ 62.9627, 62.4617,
64.2956

■ 0.5388, 0.3497,
0.1590

■ 83.5503, 83.3292,
86.2220

■ 0.0000, 0.0000,
0.0000

108.1978,
108.3926, 112.6402

137.2705,

138.0364, 143.9686

171.1338,
172.6450, 180.6258

■ 13.9036, 13.2640,
13.1367

■ 13.9036, 13.2640,
13.1367

■ 12.3836, 11.0398,
10.1144

■ 15.6684, 15.8465,
16.6447

■ 11.0965, 9.1565,
7.5557

■ 17.6870, 18.8002,
20.6577

■ 10.0312, 7.5976,
5.4380

■ 19.9692, 22.1397,
25.1949

■ 9.1751, 6.3449,
3.7362

■ 22.5241, 25.8781,
30.2740

■ 8.5145, 5.3783,
2.4231

■ 25.3602, 30.0280,
35.9124

■ 8.0340, 4.6752,
1.4680

■ 28.4858, 34.6015,
42.1262

■ 7.7159, 4.2096,
0.8357

■ 31.9086, 39.6100,
48.9311

■ 7.5139, 3.9140,
0.4341

■ 35.6364, 45.0647,
56.3422

■ 7.4714, 3.8518,
0.3497

■ 39.6764, 50.9762,
64.3741

Harmonies

Analogous

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



13.9753, 13.2640, 15.0813



13.9036, 13.2640, 13.1367



13.4776, 13.2640, 11.6773

Triad

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



13.9036, 13.2640, 13.1367



11.6005, 13.2640, 12.1389



12.3884, 13.2640, 18.5674

Complementary

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



13.9036, 13.2640, 13.1367



14.6782, 16.8060, 19.6100

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.



11.7748, 13.2640, 17.6124



13.9036, 13.2640, 13.1367



11.3311, 13.2640, 13.8215

Square

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



13.9036, 13.2640, 13.1367



12.1425, 13.2640, 11.1391



11.3937, 13.2640, 15.8315



13.0832, 13.2640, 18.3412

Rectangle

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



13.9036, 13.2640, 13.1367



13.0584, 13.2640, 11.1179



11.3937, 13.2640, 15.8315



12.1662, 13.2640, 18.3708

Sweetspot

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



13.9040, 13.2646, 13.1370



28.4538, 29.1856, 31.0635



15.0161, 13.7092, 18.9944



6.4987, 6.6469, 7.0560



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9040, 13.2646, 13.1370



23.4020, 21.7935, 21.0205



14.9391, 15.3348, 13.4820



3.6840, 3.7009, 3.8625



8.0829, 4.1671, 0.3783



39.3888, 20.3060, 1.8434

Inverse Universe

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



14.6782, 16.8060, 19.6100



25.0074, 29.1369, 34.4429



13.5100, 14.4696, 19.2206



3.7833, 4.1552, 4.6929



10.5450, 15.4297, 20.9650



51.3867, 75.1901, 102.1651

Previews

White Background



This preview shows how the XYZ color 13.9036, 13.2640, 13.1367 looks on a white background.

Color Contrast Check

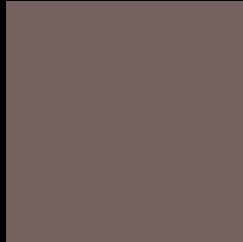
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9036, 13.2640, 13.1367 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 13.9036, 13.2640, 13.1367

Background



This preview shows how black text looks on a background with the XYZ color 13.9036, 13.2640, 13.1367.



This preview shows how white text looks on a background with the XYZ color 13.9036, 13.2640,

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

13.9036, 13.2640, 13.1367

Protanopia

12.7605, 13.3659, 13.9639

Deuteranopia

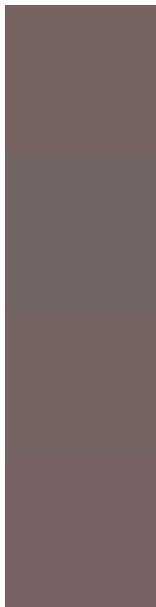
13.5589, 13.3642, 13.1742



Tritanopia

14.2388, 13.2670, 14.6423

Trichromacy



Original Color

13.9036, 13.2640, 13.1367

Protanomaly

13.1160, 13.2664, 13.6738

Deuteranomaly

13.5956, 13.2433, 13.1489

Tritanomaly

14.1396, 13.2273, 14.1198

Monochromacy



Original Color

13.9036, 13.2640, 13.1367

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1870, 13.4351, 14.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9036, 13.2640, 13.1367 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(118, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 97, 97)  
}
```

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(118, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9036, 13.2640, 13.1367 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(118, 97, 97) }
```


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

```
.border{ border-color:rgb(118, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 97,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9036, 13.2640, 13.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 97, 97) }
```

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

```
.background{ background-color: rgb(118, 97,  
97) }
```

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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