

Converting Colors

XYZ(12.9019, 12.8261, 13.2493)

Have a look what the booklet for
XYZ(12.9019, 12.8261, 13.2493)
contains.

XYZ(13.0027, 12.9322, 13.3661)	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(13.0027, 12.9322,
13.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6262
RGB	110, 98, 98
RGB Percent	43%, 38%, 38%
CMY	0.5686, 0.6157, 0.6157
CMYK	0.00, 0.11, 0.11, 0.57
HSL	0°, 6%, 41%
HSV	0°, 11%, 43%
XYZ	13.0027, 12.9322, 13.3661
YIQ	101.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

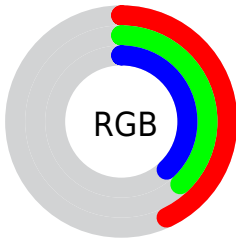
Format	Color
R_{YB}	110, 98, 98
Decimal	7234146
CIE _{Lab}	42.66, 4.78, 1.74
CIE _{LCh}	43, 5.091, 20.000
Yxy	12.9322, 0.3308, 0.3291
Android (android.graphics.Color)	4285424226 (0xFF6E6262)
YUV	101.5880, -1.7689, 7.3773
Hunter-Lab	35.9614, 1.6086, 3.1361

Details

The XYZ color **13.0027, 12.9322, 13.3661** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4274, 14.8741, 16.9153**, and the grayscale version is **12.5254, 13.1777, 14.3505**.

A 20% lighter version of the original color is **31.0726, 31.3462, 32.8465**, and **3.8344, 3.7280, 3.7663** is the 20% darker color. If you saturate the color by 10%, you get **11.5594, 10.8203, 10.4962**, and if you desaturate by 10%, it is **14.6596, 15.3566, 16.6597**.

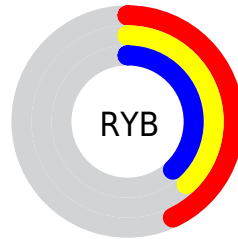
Distribution



Red (43%)

Green (38%)

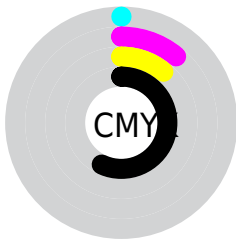
Blue (38%)



Red (43%)

Yellow (38%)

Blue (38%)

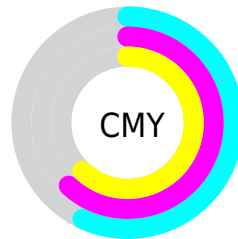


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0027, 12.9322, 13.3661 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 13.0027, 12.9322, 13.3661 by changing the saturation by 10% instead.

■ 13.0027, 12.9322,
13.3661

■ 13.0027, 12.9322,
13.3661

204.5722,
210.4827, 224.5404

■ 7.5074, 7.3819,
7.5474

■ 30.9099, 31.1819,
32.6607

■ 3.8305, 3.7020,
3.7232

■ 44.0525, 44.6501,
46.9738

■ 1.6067, 1.5083,
1.4747

■ 60.4750, 61.5264,
64.9554

■ 0.3968, 0.2946,
0.1990

■ 80.5427, 82.1951,
87.0240

■ 0.0000, 0.0000,
0.0000

104.6208,
107.0407, 113.5984

133.0749,

136.4476, 145.0968

166.2703,
170.8001, 181.9380

■ 13.0027, 12.9322,
13.3661

■ 13.0027, 12.9322,
13.3661

■ 11.5594, 10.8203,
10.4962

■ 14.6596, 15.3566,
16.6597

■ 10.3199, 9.0066,
8.0321

■ 16.5371, 18.1038,
20.3923

■ 9.2754, 7.4782,
5.9557

■ 18.6432, 21.1856,
24.5797

■ 8.4160, 6.2207,
4.2472

■ 20.9853, 24.6127,
29.2362

■ 7.7309, 5.2181,
2.8853

■ 23.5705, 28.3953,
34.3760

■ 7.2081, 4.4531,
1.8461

■ 26.4054, 32.5433,
40.0122

■ 6.8343, 3.9061,
1.1032

■ 29.4964, 37.0662,
46.1579

■ 6.5940, 3.5544,
0.6257

■ 32.8499, 41.9730,
52.8252

■ 6.4307, 3.3155,
0.3010

■ 36.4717, 47.2725,
60.0263

Harmonies

Analogous

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



13.0375, 12.9322, 14.4535



13.0027, 12.9322, 13.3661



12.7752, 12.9322, 12.5140

Triad

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



13.0027, 12.9322, 13.3661



11.7316, 12.9322, 12.7578



12.1632, 12.9322, 16.2807

Complementary

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



13.0027, 12.9322, 13.3661



13.4274, 14.8741, 16.9153

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.



11.8205, 12.9322, 15.7736



13.0027, 12.9322, 13.3661



11.5748, 12.9322, 13.7149

Square

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



13.0027, 12.9322, 13.3661



12.0395, 12.9322, 12.1757



11.6070, 12.9322, 14.8209



12.5474, 12.9322, 16.1753

Rectangle

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



13.0027, 12.9322, 13.3661



12.5474, 12.9322, 12.1757



11.6070, 12.9322, 14.8209



12.0395, 12.9322, 16.1753

Sweetspot

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



13.0031, 12.9328, 13.3664



25.0808, 25.9974, 27.9372



13.6127, 13.1763, 16.5778



5.7883, 5.9792, 6.4053



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.0031, 12.9328, 13.3664



22.1838, 21.7584, 22.1777



13.5855, 14.0976, 13.5605



3.3845, 3.4016, 3.5515



7.7252, 3.9828, 0.3616



38.4818, 19.8388, 1.8011

Inverse Universe

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



13.4274, 14.8741, 16.9153



23.0811, 25.8638, 29.6829



12.8020, 13.6233, 16.7068



3.4749, 3.8151, 4.3075



10.0770, 14.7443, 20.0364



50.1972, 73.4464, 99.8100

Previews

White Background



This preview shows how the XYZ color 13.0027, 12.9322, 13.3661 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 13.0027, 12.9322, 13.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

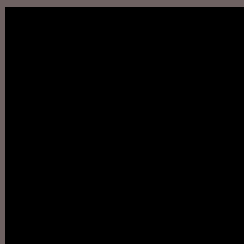
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0027, 12.9322, 13.3661

Background



This preview shows how black text looks on a background with the XYZ color 13.0027, 12.9322, 13.3661.



This preview shows how white text looks on a background with the XYZ color 13.0027, 12.9322,

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

13.0027, 12.9322, 13.3661

Protanopia

12.4028, 12.8988, 13.6404

Deuteranopia

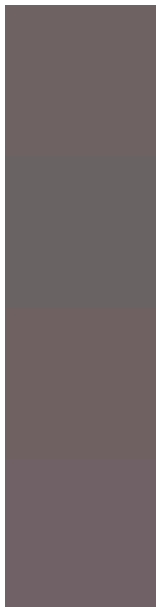
13.0348, 12.8107, 13.3410



Tritanopia

13.3800, 12.9488, 15.1588

Trichromacy



Original Color

13.0027, 12.9322, 13.3661

Protanomaly

12.6578, 12.8887, 13.6250

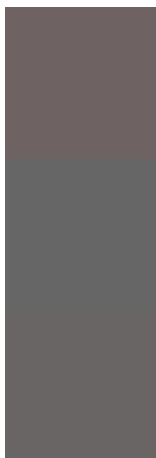
Deuteranomaly

13.0348, 12.8107, 13.3410

Tritanomaly

13.2285, 12.8882, 14.3608

Monochromacy



Original Color

13.0027, 12.9322, 13.3661

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8283, 13.2502, 14.1933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0027, 12.9322, 13.3661 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(110, 98, 98) looks like.

```
.text, #text, p{  
    color:rgb(110, 98, 98)  
}
```

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(110, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.0027, 12.9322, 13.3661 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(110, 98, 98) }
```


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

```
.border{ border-color:rgb(110, 98, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 98, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(110, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0027, 12.9322, 13.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 98, 98) }
```

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

```
.background{ background-color: rgb(110, 98,  
98) }
```

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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