

Converting Colors

XYZ(13.8261, 13.2400, 14.0250)

Have a look what the booklet for
XYZ(13.8261, 13.2400, 14.0250)
contains.

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Color

**XYZ(13.8261, 13.2020,
14.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	746165
RGB	116, 97, 101
RGB Percent	45%, 38%, 40%
CMY	0.5451, 0.6196, 0.6039
CMYK	0.00, 0.16, 0.13, 0.55
HSL	347°, 9%, 42%
HSV	347°, 16%, 45%
XYZ	13.8261, 13.2020, 14.1314
YIQ	103.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

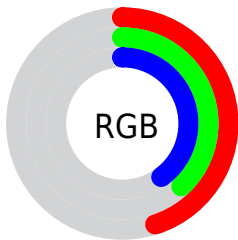
Format	Color
R_{YB}	116, 97, 101
Decimal	7627109
CIE Lab	43.07, 8.37, 0.58
CIE LCh	43, 8.385, 3.952
Yxy	13.2020, 0.3359, 0.3208
Android (android.graphics.Color)	4285817189 (0xFF746165)
YUV	103.1370, -1.0535, 11.2809
Hunter-Lab	36.3346, 4.3377, 2.3749

Details

The XYZ color **13.8261, 13.2020, 14.1314** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1003, 16.2023, 17.7143**, and the grayscale version is **12.9295, 13.6029, 14.8135**.

A 20% lighter version of the original color is **32.4058, 31.7716, 34.1303**, and **4.2336, 3.8629, 4.0125** is the 20% darker color. If you saturate the color by 10%, you get **12.4077, 11.0436, 11.5666**, and if you desaturate by 10%, it is **15.4521, 15.6951, 17.0125**.

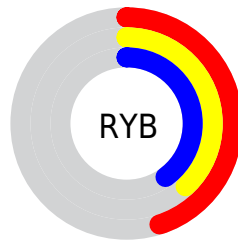
Distribution



Red (45%)

Green (38%)

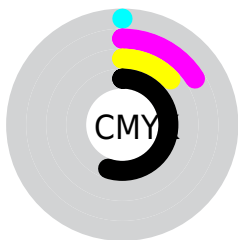
Blue (40%)



Red (45%)

Yellow (38%)

Blue (40%)

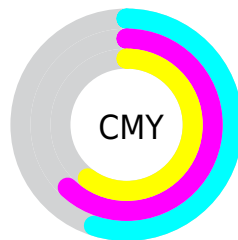


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (55%)



Cyan (55%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8261, 13.2020, 14.1314 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 13.8261, 13.2020, 14.1314 by changing the saturation by 10% instead.

■ 13.8261, 13.2020,
14.1314

■ 13.8261, 13.2020,
14.1314

209.6786,
212.2082, 229.5035

■ 8.0807, 7.5678,
8.0723

■ 32.3690, 31.6662,
34.0425

■ 4.1989, 3.8197,
4.0528

■ 45.8972, 45.2650,
48.7315

■ 1.8152, 1.5732,
1.6544

■ 62.7504, 62.2874,
67.1344

■ 0.5268, 0.3394,
0.3292

■ 83.2940, 83.1179,
89.6695

■ 0.0000, 0.0000,
0.0000

107.8932,
108.1409, 116.7554

136.9135,

137.7406, 148.8107

170.7202,
172.3016, 186.2539

■ 13.8261, 13.2020,
14.1314

■ 13.8261, 13.2020,
14.1314

■ 12.4077, 11.0436,
11.5666

■ 15.4521, 15.6951,
17.0125

■ 11.1872, 9.2040,
9.3064

■ 17.2924, 18.5345,
20.2194

■ 10.1562, 7.6684,
7.3395

■ 19.3549, 21.7334,
23.7623

■ 9.3049, 6.4205,
5.6538

■ 21.6468, 25.3037,
27.6504

■ 8.6226, 5.4421,
4.2362

■ 24.1749, 29.2570,
31.8930

■ 8.0978, 4.7131,
3.0724

■ 26.9456, 33.6041,
36.4987

■ 7.7170, 4.2107,
2.1469

■ 29.9653, 38.3556,
41.4760

■ 7.4545, 3.8868,
1.4389

■ 33.2401, 43.5215,
46.8330

■ 7.3717, 3.7807,
1.2278

■ 36.7757, 49.1116,
52.5775

Harmonies

Analogous

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



13.6953, 13.2020, 15.9911



13.8261, 13.2020, 14.1314



13.6049, 13.2020, 12.4814

Triad

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



13.8261, 13.2020, 14.1314



11.8683, 13.2020, 11.6259



12.0115, 13.2020, 17.8067

Complementary

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



13.8261, 13.2020, 14.1314



14.1003, 16.2023, 17.7143

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.



11.5475, 13.2020, 16.4505



13.8261, 13.2020, 14.1314



11.4668, 13.2020, 12.8712

Square

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



13.8261, 13.2020, 14.1314



12.4628, 13.2020, 11.1153



11.3514, 13.2020, 14.6208



12.6337, 13.2020, 18.2161

Rectangle

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



13.8261, 13.2020, 14.1314



13.2919, 13.2020, 11.6907



11.3514, 13.2020, 14.6208



11.8325, 13.2020, 17.4411

Sweetspot

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



13.8265, 13.2026, 14.1317



27.5454, 28.1792, 30.5779



14.0948, 13.2481, 18.3373



6.5304, 6.6596, 7.2230



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.



13.8265, 13.2026, 14.1317



23.2312, 21.5708, 22.9126



14.1497, 14.1549, 13.2964



3.7126, 3.7123, 4.0133



8.2665, 4.2403, 1.3458



40.0216, 20.5588, 5.1771

Inverse Universe

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



13.8265, 13.2026, 14.1317



23.2312, 21.5708, 22.9126



13.7253, 15.0882, 18.7120



3.7126, 3.7123, 4.0133



8.2665, 4.2403, 1.3458



40.0216, 20.5588, 5.1771

Previews

White Background



This preview shows how the XYZ color 13.8261, 13.2020, 14.1314 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 13.8261, 13.2020, 14.1314 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

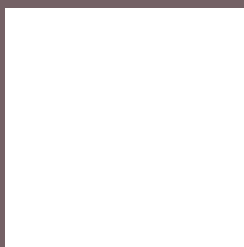
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8261, 13.2020, 14.1314

Background



This preview shows how black text looks on a background with the XYZ color 13.8261, 13.2020, 14.1314.



This preview shows how white text looks on a background with the XYZ color 13.8261, 13.2020,

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

13.8261, 13.2020, 14.1314

Protanopia

12.6954, 13.1702, 14.7049

Deuteranopia

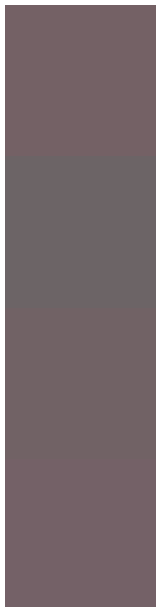
13.4929, 13.3080, 14.1695



Tritanopia

13.9758, 13.2619, 14.9199

Trichromacy



Original Color

13.8261, 13.2020, 14.1314

Protanomaly

13.1398, 13.2618, 14.4376

Deuteranomaly

13.5267, 13.1857, 14.1441

Tritanomaly

13.9253, 13.2417, 14.6539

Monochromacy



Original Color

13.8261, 13.2020, 14.1314

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2363, 13.4548, 14.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8261, 13.2020, 14.1314 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(116, 97, 101)` looks like.

```
.text, #text, p{  
    color:rgb(116, 97, 101)  
}
```

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(116, 97, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 97, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.8261, 13.2020, 14.1314 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(116, 97, 101) }
```


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

```
.border{ border-color:rgb(116, 97, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 97, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 97, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 97, 101);  
box-shadow:4px 4px 4px 4px rgb(116, 97,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8261, 13.2020, 14.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 97, 101) }
```

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

```
.background{ background-color: rgb(116, 97,  
101) }
```

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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