

Converting Colors

XYZ(13.5229, 13.2830, 14.3175)

Have a look what the booklet for
XYZ(13.5229, 13.2830, 14.3175)
contains.

XYZ(13.5422, 13.3277, 14.4291)	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(13.5422, 13.3277,
14.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	706366
RGB	112, 99, 102
RGB Percent	44%, 39%, 40%
CMY	0.5608, 0.6118, 0.6000
CMYK	0.00, 0.12, 0.09, 0.56
HSL	346°, 6%, 41%
HSV	346°, 12%, 44%
XYZ	13.5422, 13.3277, 14.4291
YIQ	103.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

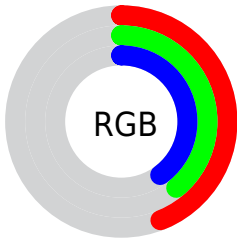
Format	Color
R_{YB}	112, 99, 102
Decimal	7365478
CIE Lab	43.25, 5.75, 0.19
CIE LCh	43, 5.751, 1.933
Yxy	13.3277, 0.3279, 0.3227
Android (android.graphics.Color)	4285555558 (0xFF706366)
YUV	103.2290, -0.6059, 7.6922
Hunter-Lab	36.5071, 2.3265, 2.1212

Details

The XYZ color **13.5422, 13.3277, 14.4291** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7006, 15.3455, 16.7086**, and the grayscale version is **12.9533, 13.6279, 14.8408**.

A 20% lighter version of the original color is **31.9660, 32.0051, 34.6298**, and **4.0770, 3.9120, 4.1546** is the 20% darker color. If you saturate the color by 10%, you get **12.1486, 11.1890, 11.9647**, and if you desaturate by 10%, it is **15.1282, 15.7797, 17.1772**.

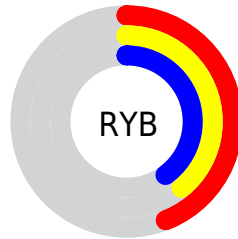
Distribution



Red (44%)

Green (39%)

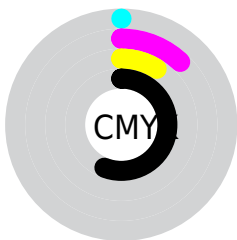
Blue (40%)



Red (44%)

Yellow (39%)

Blue (40%)

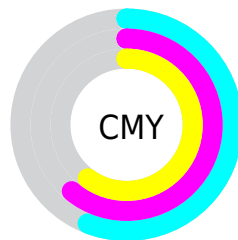


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5422, 13.3277, 14.4291 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 13.5422, 13.3277, 14.4291 by changing the saturation by 10% instead.

■ 13.5422, 13.3277,
14.4291

■ 13.5422, 13.3277,
14.4291

207.9320,
213.0073, 231.4047

■ 7.8825, 7.6546,
8.2776

■ 31.8676, 31.8913,
34.5765

■ 4.0710, 3.8747,
4.1828

■ 45.2640, 45.5505,
49.4095

■ 1.7424, 1.6037,
1.7261

■ 61.9700, 62.6406,
67.9733

■ 0.4826, 0.3601,
0.3785

■ 82.3511, 83.5459,
90.6866

■ 0.0000, 0.0000,
0.0000

106.7724,
108.6508, 117.9678

135.5995,

138.3398, 150.2355

169.1976,
172.9971, 187.9083

■ 13.5422, 13.3277,
14.4291

■ 13.5422, 13.3277,
14.4291

■ 12.1486, 11.1890,
11.9647

■ 15.1282, 15.7797,
17.1772

■ 10.9388, 9.3493,
9.7740

■ 16.9125, 18.5552,
20.2167

■ 9.9054, 7.7956,
7.8476

■ 18.9019, 21.6659,
23.5564

■ 9.0400, 6.5137,
6.1753

■ 21.1029, 25.1226,
27.2041

■ 8.3334, 5.4876,
4.7464

■ 23.5214, 28.9354,
31.1676

■ 7.7756, 4.7001,
3.5491

■ 26.1632, 33.1143,
35.4543

■ 7.3554, 4.1315,
2.5707

■ 29.0340, 37.6685,
40.0713

■ 7.0597, 3.7591,
1.7972

■ 32.1390, 42.6073,
45.0256

■ 6.8668, 3.5186,
1.2848

■ 35.4835, 47.9393,
50.3239

Harmonies

Analogous

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



13.4378, 13.3277, 15.6955



13.5422, 13.3277, 14.4291



13.4078, 13.3277, 13.2536

Triad

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



13.5422, 13.3277, 14.4291



12.2203, 13.3277, 12.5295



12.2692, 13.3277, 16.7833

Complementary

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



13.5422, 13.3277, 14.4291



13.7006, 15.3455, 16.7086

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.



11.9551, 13.3277, 15.8468



13.5422, 13.3277, 14.4291



11.9274, 13.3277, 13.3888

Square

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



13.5422, 13.3277, 14.4291



12.6387, 13.3277, 12.1975



11.8315, 13.3277, 14.5944



12.6965, 13.3277, 17.1013

Rectangle

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



13.5422, 13.3277, 14.4291



13.2026, 13.3277, 12.6664



11.8315, 13.3277, 14.5944



12.1472, 13.3277, 16.5278

Sweetspot

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



13.5426, 13.3283, 14.4294



26.1443, 27.0511, 29.4328



13.6895, 13.3432, 17.1834



6.2320, 6.4230, 6.9866



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.5426, 13.3283, 14.4294



23.0814, 22.3226, 24.1039



13.7320, 13.9408, 13.7721



3.4131, 3.4130, 3.7022



7.9303, 4.0645, 1.4429



39.2211, 20.1338, 5.6967

Inverse Universe

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



13.5426, 13.3283, 14.4294



23.0814, 22.3226, 24.1039



13.4897, 14.6609, 17.4483



3.4131, 3.4130, 3.7022



7.9303, 4.0645, 1.4429



39.2211, 20.1338, 5.6967

Previews

White Background



This preview shows how the XYZ color 13.5422, 13.3277, 14.4291 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 13.5422, 13.3277, 14.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

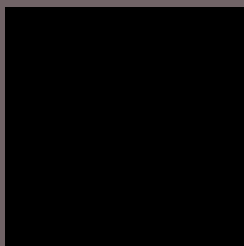
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5422, 13.3277, 14.4291

Background



This preview shows how black text looks on a background with the XYZ color 13.5422, 13.3277, 14.4291.



This preview shows how white text looks on a background with the XYZ color 13.5422, 13.3277,

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

13.5422, 13.3277, 14.4291

Protanopia

12.9590, 13.4453, 15.0089

Deuteranopia

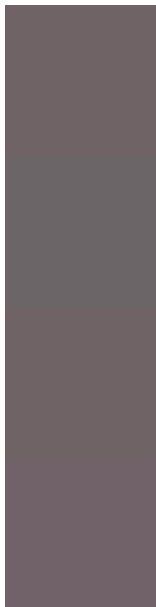
13.5422, 13.3277, 14.4291



Tritanopia

13.7793, 13.2867, 15.4740

Trichromacy



Original Color

13.5422, 13.3277, 14.4291

Protanomaly

13.1653, 13.4124, 14.7269

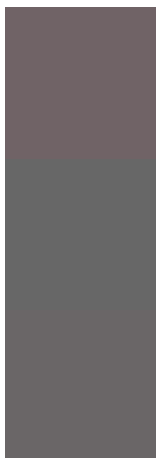
Deuteranomaly

13.5422, 13.3277, 14.4291

Tritanomaly

13.7275, 13.2660, 15.2017

Monochromacy



Original Color

13.5422, 13.3277, 14.4291

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1434, 13.5462, 14.7539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5422, 13.3277, 14.4291 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(112, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(112, 99, 102)  
}
```

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(112, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.5422, 13.3277, 14.4291 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(112, 99, 102) }
```


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

```
.border{ border-color:rgb(112, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(112, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5422, 13.3277, 14.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 99, 102) }
```

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

```
.background{ background-color: rgb(112, 99,  
102) }
```

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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