

Converting Colors

XYZ(13.4605, 15.2687, 14.0239)

Have a look what the booklet for
XYZ(13.4605, 15.2687, 14.0239)
contains.

XYZ(13.5258, 15.3140, 14.0474)	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(13.5258, 15.3140,
14.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	667063
RGB	102, 112, 99
RGB Percent	40%, 44%, 39%
CMY	0.6000, 0.5608, 0.6118
CMYK	0.09, 0.00, 0.12, 0.56
HSL	106°, 6%, 41%
HSV	106°, 12%, 44%
XYZ	13.5258, 15.3140, 14.0474
YIQ	107.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

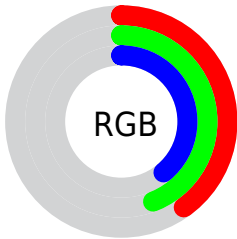
Format	Color
R_{YB}	99, 112, 109
Decimal	6713443
CIE Lab	46.06, -6.46, 5.94
CIE LCh	46, 8.780, 137.399
Yxy	15.3140, 0.3154, 0.3571
Android (android.graphics.Color)	4284903523 (0xFF667063)
YUV	107.5280, -4.2043, -4.8481
Hunter-Lab	39.1331, -6.7870, 6.1102

Details

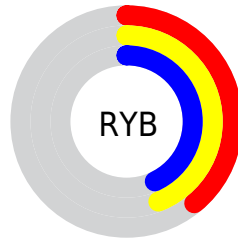
The XYZ color **13.5258, 15.3140, 14.0474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6938, 13.3452, 17.1842**, and the grayscale version is **14.1340, 14.8700, 16.1935**.

A 20% lighter version of the original color is **31.9173, 35.5252, 34.0290**, and **4.0515, 4.7361, 4.0688** is the 20% darker color. If you saturate the color by 10%, you get **12.1009, 14.6375, 11.3768**, and if you desaturate by 10%, it is **15.1274, 16.0739, 17.1146**.

Distribution



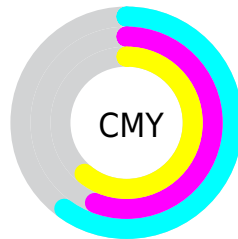
- Red (40%)
- Green (44%)
- Blue (39%)



- Red (39%)
- Yellow (44%)
- Blue (43%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5258, 15.3140, 14.0474 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 13.5258, 15.3140, 14.0474 by changing the saturation by 10% instead.

■ 13.5258, 15.3140,
14.0474

■ 13.5258, 15.3140,
14.0474

207.8307,
225.2590, 228.9642

■ 7.8711, 9.0401,
8.0145

■ 31.8386, 35.4031,
33.8914

■ 4.0637, 4.7673,
4.0163

■ 45.2273, 49.9870,
48.5397

■ 1.7382, 2.1114,
1.6343

■ 61.9248, 68.1098,
66.8968

■ 0.4800, 0.6710,
0.3151

■ 82.2964, 90.1557,
89.3813

■ 0.0000, 0.0000,
0.0000

106.7074,
116.5091, 116.4117

135.5233,

147.5546, 148.4067

169.1092,
183.6764, 185.7847

■ 13.5258, 15.3140,
14.0474

■ 13.5258, 15.3140,
14.0474

■ 12.1009, 14.6375,
11.3768

■ 15.1274, 16.0739,
17.1146

■ 10.8453, 14.0396,
9.0857

■ 16.9102, 16.9178,
20.5927

■ 9.7528, 13.5180,
7.1572

■ 18.8801, 17.8490,
24.4964

■ 8.8167, 13.0695,
5.5727

■ 21.0426, 18.8699,
28.8395

■ 8.0294, 12.6907,
4.3118

■ 23.4026, 19.9828,
33.6350

■ 7.3828, 12.3780,
3.3523

■ 25.9651, 21.1901,
38.8955

■ 6.8682, 12.1273,
2.6689

■ 28.7348, 22.4938,
44.6331

■ 6.4754, 11.9341,
2.2321

■ 31.7163, 23.8961,
50.8594

■ 6.2164, 11.8065,
1.9512

■ 34.9140, 25.3990,
57.5856

Harmonies

Analogous

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



14.1311, 15.3140, 13.0562



13.5258, 15.3140, 14.0474



13.2011, 15.3140, 15.7948

Triad

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



13.5258, 15.3140, 14.0474



14.2451, 15.3140, 21.0095



15.9664, 15.3140, 15.4768

Complementary

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



13.5258, 15.3140, 14.0474



13.6938, 13.3452, 17.1842

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.



15.9995, 15.3140, 17.5859



13.5258, 15.3140, 14.0474



14.9883, 15.3140, 20.9059

Square

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



13.5258, 15.3140, 14.0474



13.6068, 15.3140, 19.8819



15.6362, 15.3140, 19.6099



15.5473, 15.3140, 13.8318

Rectangle

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



13.5258, 15.3140, 14.0474



13.1800, 15.3140, 17.2085



15.6362, 15.3140, 19.6099



16.0236, 15.3140, 16.1513

Sweetspot

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



13.5262, 15.3147, 14.0477



26.1405, 28.0311, 29.2280



14.4000, 15.2765, 13.9943



6.2308, 6.7110, 6.9268



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.



13.5262, 15.3147, 14.0477



23.0400, 26.5604, 23.3147



13.3617, 15.2103, 14.9241



3.4105, 3.7969, 3.6265



7.1678, 13.6389, 2.2548



35.0590, 67.6076, 11.2018

Inverse Universe

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



13.6938, 13.3452, 17.1842



23.3976, 22.3552, 30.0116



13.8798, 13.4629, 16.2044



3.4429, 3.4166, 4.2322



7.8147, 3.6380, 18.0119



38.1489, 17.7209, 89.6889

Previews

White Background



This preview shows how the XYZ color 13.5258, 15.3140, 14.0474 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 13.5258, 15.3140, 14.0474 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

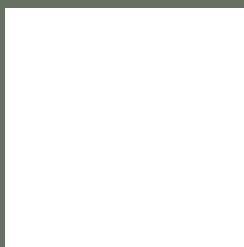
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5258, 15.3140, 14.0474

Background



This preview shows how black text looks on a background with the XYZ color 13.5258, 15.3140, 14.0474.



This preview shows how white text looks on a background with the XYZ color 13.5258, 15.3140,

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

13.5258, 15.3140, 14.0474

Protanopia

14.5657, 15.3778, 13.5098

Deuteranopia

15.5202, 15.2342, 14.1791



Tritanopia

14.5644, 15.2485, 19.3152

Trichromacy



Original Color

13.5258, 15.3140, 14.0474

Protanomaly

14.2109, 15.3487, 13.7689

Deuteranomaly

14.7330, 15.2901, 14.2314

Tritanomaly

14.1541, 15.2426, 17.2350

Monochromacy



Original Color

13.5258, 15.3140, 14.0474

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9623, 15.0214, 15.5281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5258, 15.3140, 14.0474 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(102, 112, 99)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 13.5258, 15.3140, 14.0474 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(102, 112, 99) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 13.5258, 15.3140, 14.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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