

Converting Colors

XYZ(13.5184, 15.6124, 15.4400)

Have a look what the booklet for
XYZ(13.5184, 15.6124, 15.4400)
contains.

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Color

**XYZ(13.5530, 15.6308,
15.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	627268
RGB	98, 114, 104
RGB Percent	38%, 45%, 41%
CMY	0.6157, 0.5529, 0.5922
CMYK	0.14, 0.00, 0.09, 0.55
HSL	142°, 8%, 42%
HSV	142°, 14%, 45%
XYZ	13.5530, 15.6308, 15.3994
YIQ	108.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

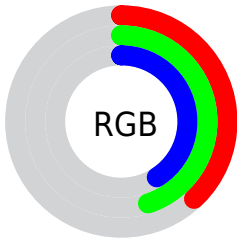
Format	Color
R_{YB}	98, 110, 114
Decimal	6451816
CIE _{Lab}	46.49, -8.12, 3.53
CIE _{LCh}	46, 8.855, 156.489
Yxy	15.6308, 0.3040, 0.3506
Android (android.graphics.Color)	4284641896 (0xFF627268)
YUV	108.0760, -2.0095, -8.8367
Hunter-Lab	39.5358, -7.9973, 4.5813

Details

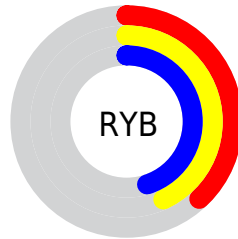
The XYZ color **13.5530, 15.6308, 15.3994** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0145, 13.3958, 16.0351**, and the grayscale version is **14.2823, 15.0261, 16.3634**.

A 20% lighter version of the original color is **31.9470, 36.0286, 36.2808**, and **4.0520, 4.8956, 4.6023** is the 20% darker color. If you saturate the color by 10%, you get **12.0627, 14.9031, 13.5196**, and if you desaturate by 10%, it is **15.2500, 16.4624, 17.4493**.

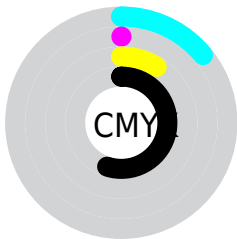
Distribution



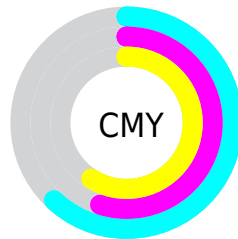
- Red (38%)
- Green (45%)
- Blue (41%)



- Red (38%)
- Yellow (43%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5530, 15.6308, 15.3994 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 13.5530, 15.6308, 15.3994 by changing the saturation by 10% instead.

■ 13.5530, 15.6308,
15.3994

■ 13.5530, 15.6308,
15.3994

207.9988,
227.1532, 237.4946

■ 7.8900, 9.2633,
8.9504

■ 31.8867, 35.9561,
36.3045

■ 4.0759, 4.9133,
4.6125

■ 45.2881, 50.6826,
51.5977

■ 1.7452, 2.1965,
1.9670

■ 61.9998, 68.9642,
70.6761

■ 0.4843, 0.7181,
0.5349

■ 82.3870, 91.1854,
93.9582

■ 0.0000, 0.0000,
0.0000

106.8152,
117.7305, 121.8626

135.6496,

148.9839, 154.8077

169.2557,
185.3300, 193.2122

■ 13.5530, 15.6308,
15.3994

■ 13.5530, 15.6308,
15.3994

■ 12.0627, 14.9031,
13.5196

■ 15.2500, 16.4624,
17.4493

■ 10.7698, 14.2731,
11.8044

■ 17.1600, 17.3999,
19.6723

■ 9.6658, 13.7373,
10.2498

■ 19.2907, 18.4474,
22.0728

■ 8.7416, 13.2908,
8.8510

■ 21.6492, 19.6085,
24.6546

■ 7.9868, 12.9286,
7.6032

■ 24.2419, 20.8866,
27.4216

■ 7.3904, 12.6449,
6.5010

■ 27.0752, 22.2847,
30.3773

■ 6.9395, 12.4333,
5.5391

■ 30.1552, 23.8060,
33.5253

■ 6.6157, 12.2843,
4.7113

■ 33.4878, 25.4535,
36.8690

■ 6.4490, 12.2078,
4.2776

■ 37.0786, 27.2299,
40.4118

Harmonies

Analogous

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



14.0021, 15.6308, 13.8633



13.5530, 15.6308, 15.3994



13.4477, 15.6308, 17.4980

Triad

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



13.5530, 15.6308, 15.3994



15.0228, 15.6308, 21.5389



16.0661, 15.6308, 14.6437

Complementary

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



13.5530, 15.6308, 15.3994



14.0145, 13.3958, 16.0351

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.



16.3607, 15.6308, 16.5494



13.5530, 15.6308, 15.3994



15.7452, 15.6308, 20.6212

Square

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



13.5530, 15.6308, 15.3994



14.2797, 15.6308, 21.1649



16.2412, 15.6308, 18.7490



15.4489, 15.6308, 13.4538

Rectangle

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



13.5530, 15.6308, 15.3994



13.5833, 15.6308, 18.9606



16.2412, 15.6308, 18.7490



16.2071, 15.6308, 15.2153

Sweetspot

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



13.5534, 15.6315, 15.3997



26.7763, 28.9176, 30.6371



14.4231, 16.1138, 13.9055



6.1474, 6.6656, 7.0319



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.



13.5534, 15.6315, 15.3997



22.8854, 27.0125, 25.9038



13.9721, 15.7989, 17.6042



3.3920, 3.7820, 3.8706



7.1709, 13.5859, 4.7208



35.3324, 67.5216, 21.4678

Inverse Universe

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



14.0145, 13.3958, 16.0351



23.8692, 22.2410, 27.2594



13.6143, 13.2358, 13.9279



3.4639, 3.4333, 3.9697



8.9919, 4.4891, 7.0333



44.3645, 22.1911, 32.7813

Previews

White Background



This preview shows how the XYZ color 13.5530, 15.6308, 15.3994 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 13.5530, 15.6308, 15.3994 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

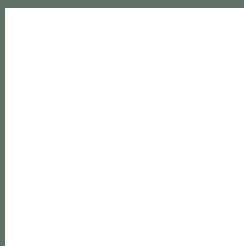
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5530, 15.6308, 15.3994

Background



This preview shows how black text looks on a background with the XYZ color 13.5530, 15.6308, 15.3994.



This preview shows how white text looks on a background with the XYZ color 13.5530, 15.6308,

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

13.5530, 15.6308, 15.3994

Protanopia

14.9136, 15.6886, 14.8125

Deuteranopia

15.7816, 15.4863, 15.7930



Tritanopia

14.5512, 15.7111, 20.0349

Trichromacy



Original Color

13.5530, 15.6308, 15.3994

Protanomaly

14.3170, 15.5363, 15.0762

Deuteranomaly

14.8285, 15.4679, 15.5687

Tritanomaly

14.1979, 15.7345, 18.2083

Monochromacy



Original Color

13.5530, 15.6308, 15.3994

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9387, 15.1565, 16.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5530, 15.6308, 15.3994 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(98, 114, 104) looks like.

```
.text, #text, p{  
    color:rgb(98, 114, 104)  
}
```

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(98, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 114, 104) }
```

Border

The CSS property to change the border of an element to XYZ 13.5530, 15.6308, 15.3994 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(98, 114, 104) }
```


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

```
.border{ border-color:rgb(98, 114, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 114, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(98, 114,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5530, 15.6308, 15.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 114, 104) }
```

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

```
.background{ background-color: rgb(98, 114,  
104) }
```

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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