

Converting Colors

XYZ(13.6976, 15.7037, 16.5135)

Have a look what the booklet for
XYZ(13.6976, 15.7037, 16.5135)
contains.

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Color

**XYZ(13.6539, 15.6587,
16.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	61726C
RGB	97, 114, 108
RGB Percent	38%, 45%, 42%
CMY	0.6196, 0.5529, 0.5765
CMYK	0.15, 0.00, 0.05, 0.55
HSL	159°, 8%, 41%
HSV	159°, 15%, 45%
XYZ	13.6539, 15.6587, 16.4902
YIQ	108.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

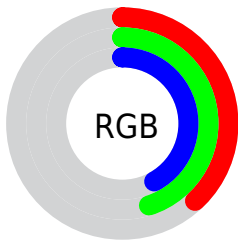
Format	Color
R_{YB}	97, 107, 114
Decimal	6386284
CIE _{Lab}	46.52, -7.63, 1.19
CIE _{LCh}	47, 7.726, 171.123
Yxy	15.6587, 0.2981, 0.3419
Android (android.graphics.Color)	4284576364 (0xFF61726C)
YUV	108.2330, -0.1149, -9.8513
Hunter-Lab	39.5711, -7.6584, 2.9922

Details

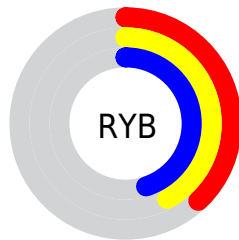
The XYZ color **13.6539, 15.6587, 16.4902** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6629, 13.1066, 14.6424**, and the grayscale version is **14.3216, 15.0674, 16.4084**.

A 20% lighter version of the original color is **32.1070, 36.0715, 38.0712**, and **4.1059, 4.9115, 5.1465** is the 20% darker color. If you saturate the color by 10%, you get **12.3162, 14.9937, 15.3355**, and if you desaturate by 10%, it is **15.1769, 16.4190, 17.7059**.

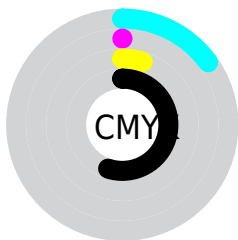
Distribution



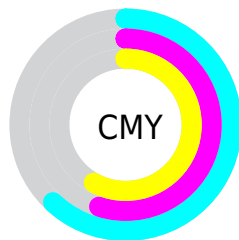
- Red (38%)
- Green (45%)
- Blue (42%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6539, 15.6587, 16.4902 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 13.6539, 15.6587, 16.4902 by changing the saturation by 10% instead.

■ 13.6539, 15.6587,
16.4902

■ 13.6539, 15.6587,
16.4902

208.6210,
227.3193, 244.1608

■ 7.9604, 9.2830,
9.7136

■ 32.0651, 36.0047,
38.2257

■ 4.1212, 4.9262,
5.1064

■ 45.5135, 50.7437,
54.0217

■ 1.7709, 2.2040,
2.2500

■ 62.2776, 69.0393,
73.6612

■ 0.5001, 0.7222,
0.7030

■ 82.7227, 91.2758,
97.5628

■ 0.0000, 0.0000,
0.0000

107.2143,
117.8377, 126.1450

136.1176,

149.1093, 159.8264

169.7981,
185.4750, 199.0255

■ 13.6539, 15.6587,
16.4902

■ 13.6539, 15.6587,
16.4902

■ 12.3162, 14.9937,
15.3355

■ 15.1769, 16.4190,
17.7059

■ 11.1551, 14.4182,
14.2396

■ 16.8912, 17.2762,
18.9825

■ 10.1628, 13.9286,
13.2018

■ 18.8037, 18.2345,
20.3214

■ 9.3307, 13.5204,
12.2211

■ 20.9209, 19.2971,
21.7234

■ 8.6491, 13.1889,
11.2962

■ 23.2489, 20.4672,
23.1896

■ 8.1076, 12.9284,
10.4259

■ 25.7935, 21.7477,
24.7208

■ 7.6941, 12.7329,
9.6089

■ 28.5604, 23.1416,
26.3178

■ 7.3880, 12.5917,
8.8434

■ 31.5548, 24.6516,
27.9817

■ 7.2455, 12.5263,
8.4721

■ 34.7821, 26.2804,
29.7131

Harmonies

Analogous

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



13.9087, 15.6587, 14.8507



13.6539, 15.6587, 16.4902



13.7207, 15.6587, 18.4052

Triad

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



13.6539, 15.6587, 16.4902



15.3492, 15.6587, 20.7030



15.7011, 15.6587, 14.3520

Complementary

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



13.6539, 15.6587, 16.4902



13.6629, 13.1066, 14.6424

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.



16.1094, 15.6587, 15.7624



13.6539, 15.6587, 16.4902



15.9020, 15.6587, 19.4556

Square

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



13.6539, 15.6587, 16.4902



14.6865, 15.6587, 20.9342



16.1840, 15.6587, 17.6216



15.0815, 15.6587, 13.6781

Rectangle

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



13.6539, 15.6587, 16.4902



13.9395, 15.6587, 19.5761



16.1840, 15.6587, 17.6216



15.8684, 15.6587, 14.7505

Sweetspot

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



13.6543, 15.6594, 16.4905



26.9005, 28.9673, 31.2908



13.7959, 15.7957, 13.6314



6.1803, 6.6787, 7.2051



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.



13.6543, 15.6594, 16.4905



23.1223, 27.0831, 28.2448



13.7324, 15.2865, 18.1471



3.4274, 3.7961, 4.0569



8.0573, 13.9404, 9.3882



39.7161, 69.2751, 44.5520

Inverse Universe

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



13.6629, 13.1066, 14.6424



23.1406, 21.6589, 24.3186



13.5848, 13.4153, 13.1831



3.4286, 3.4192, 3.7839



8.1484, 4.1517, 2.5913



40.2145, 20.5311, 10.9278

Previews

White Background



This preview shows how the XYZ color 13.6539, 15.6587, 16.4902 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 13.6539, 15.6587, 16.4902 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

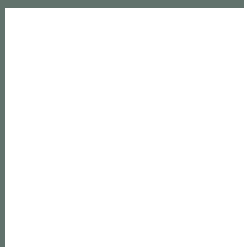
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6539, 15.6587, 16.4902

Background



This preview shows how black text looks on a background with the XYZ color 13.6539, 15.6587, 16.4902.



This preview shows how white text looks on a background with the XYZ color 13.6539, 15.6587,

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

13.6539, 15.6587, 16.4902

Protanopia

14.9875, 15.7032, 15.8768

Deuteranopia

15.8537, 15.4988, 16.9078



Tritanopia

14.3910, 15.6215, 20.3459

Trichromacy



Original Color

13.6539, 15.6587, 16.4902

Protanomaly

14.4017, 15.5562, 16.1535

Deuteranomaly

14.9110, 15.4861, 16.6712

Tritanomaly

14.0945, 15.6679, 18.8043

Monochromacy



Original Color

13.6539, 15.6587, 16.4902

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9916, 15.1776, 16.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6539, 15.6587, 16.4902 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(97, 114, 108) looks like.

```
.text, #text, p{  
    color:rgb(97, 114, 108)  
}
```

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(97, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 13.6539, 15.6587, 16.4902 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(97, 114, 108) }
```


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

```
.border{ border-color:rgb(97, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(97, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6539, 15.6587, 16.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 114, 108) }
```

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

```
.background{ background-color: rgb(97, 114,  
108) }
```

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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