

Converting Colors

XYZ(13.5825, 15.7670, 16.6848)

Have a look what the booklet for
XYZ(13.5825, 15.7670, 16.6848)
contains.

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Color

**XYZ(13.6104, 15.7985,
16.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	5F736D
RGB	95, 115, 109
RGB Percent	37%, 45%, 43%
CMY	0.6274, 0.5490, 0.5725
CMYK	0.17, 0.00, 0.05, 0.55
HSL	162°, 10%, 41%
HSV	162°, 17%, 45%
XYZ	13.6104, 15.7985, 16.8001
YIQ	108.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

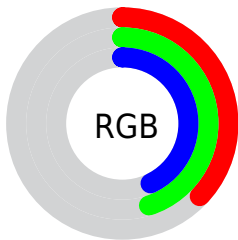
Format	Color
R_{YB}	95, 107, 115
Decimal	6255469
CIE Lab	46.71, -8.71, 0.85
CIE LCh	47, 8.753, 174.438
Yxy	15.7985, 0.2945, 0.3419
Android (android.graphics.Color)	4284445549 (0xFF5F736D)
YUV	108.3360, 0.3274, -11.6957
Hunter-Lab	39.7473, -8.4353, 2.7629

Details

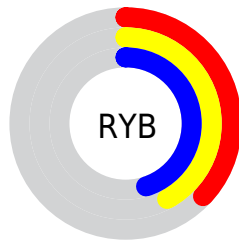
The XYZ color **13.6104, 15.7985, 16.8001** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5120, 12.7693, 14.0652**, and the grayscale version is **14.3497, 15.0970, 16.4407**.

A 20% lighter version of the original color is **32.0179, 36.2865, 38.5742**, and **4.0956, 4.9905, 5.3048** is the 20% darker color. If you saturate the color by 10%, you get **12.3209, 15.1552, 15.7892**, and if you desaturate by 10%, it is **15.0845, 16.5370, 17.8584**.

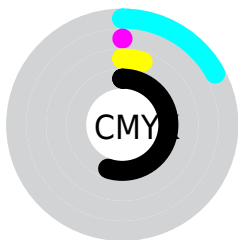
Distribution



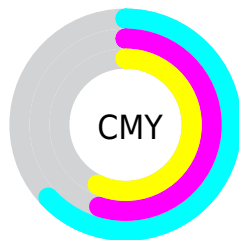
- Red (37%)
- Green (45%)
- Blue (43%)



- Red (37%)
- Yellow (42%)
- Blue (45%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (63%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6104, 15.7985, 16.8001 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 13.6104, 15.7985, 16.8001 by changing the saturation by 10% instead.

■ 13.6104, 15.7985,
16.8001

■ 13.6104, 15.7985,
16.8001

208.3529,
228.1498, 246.0226

■ 7.9301, 9.3817,
9.9316

■ 31.9882, 36.2480,
38.7677

■ 4.1017, 4.9910,
5.2486

■ 45.4164, 51.0495,
54.7039

■ 1.7598, 2.2420,
2.3326

■ 62.1579, 69.4147,
74.4997

■ 0.4933, 0.7427,
0.7494

■ 82.5781, 91.7280,
98.5737

■ 0.0000, 0.0000,
0.0000

107.0424,
118.3737, 127.3445

135.9160,

149.7364, 161.2305

169.5644,
186.2002, 200.6504

■ 13.6104, 15.7985,
16.8001

■ 13.6104, 15.7985,
16.8001

■ 12.3209, 15.1552,
15.7892

■ 15.0845, 16.5370,
17.8584

■ 11.2068, 14.6011,
14.8239

■ 16.7492, 17.3724,
18.9637

■ 10.2603, 14.1325,
13.9036

■ 18.6118, 18.3090,
20.1172

■ 9.4722, 13.7448,
13.0275

■ 20.6788, 19.3501,
21.3197

■ 8.8328, 13.4330,
12.1947

■ 22.9566, 20.4990,
22.5717

■ 8.3308, 13.1912,
11.4041

■ 25.4510, 21.7587,
23.8740

■ 7.9535, 13.0129,
10.6548

■ 28.1678, 23.1321,
25.2273

■ 7.6686, 12.8814,
9.9446

■ 31.1126, 24.6221,
26.6321

■ 7.5974, 12.8486,
9.7653

■ 34.2906, 26.2315,
28.0892

Harmonies

Analogous

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



13.8603, 15.7985, 14.8847



13.6104, 15.7985, 16.8001



13.7267, 15.7985, 18.9888

Triad

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



13.6104, 15.7985, 16.8001



15.6276, 15.7985, 21.2926



15.8805, 15.7985, 14.0222

Complementary

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



13.6104, 15.7985, 16.8001



13.5120, 12.7693, 14.0652

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.



16.3836, 15.7985, 15.5308



13.6104, 15.7985, 16.8001



16.2342, 15.7985, 19.7478

Square

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



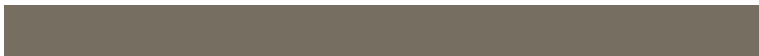
13.6104, 15.7985, 16.8001



14.8750, 15.7985, 21.7040



16.5152, 15.7985, 17.6100



15.1578, 15.7985, 13.3698

Rectangle

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



13.6104, 15.7985, 16.8001



13.9983, 15.7985, 20.2958



16.5152, 15.7985, 17.6100



16.0818, 15.7985, 14.4395

Sweetspot

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



13.6108, 15.7992, 16.8005



27.6540, 29.9340, 32.4174



13.6011, 15.8744, 13.1740



6.5590, 7.1220, 7.7076



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.



13.6108, 15.7992, 16.8005



23.3717, 27.7905, 29.3198



13.5352, 15.1131, 18.4242



3.7387, 4.1375, 4.4581



8.6753, 14.6841, 11.1122



41.8841, 71.4009, 52.0881

Inverse Universe

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



13.5120, 12.7693, 14.0652



23.1587, 21.2535, 23.4199



13.5667, 13.3322, 12.6851



3.7250, 3.7173, 4.0787



8.4125, 4.2987, 2.1142



40.6580, 20.8133, 8.5283

Previews

White Background



This preview shows how the XYZ color 13.6104, 15.7985, 16.8001 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 13.6104, 15.7985, 16.8001 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 13.6104, 15.7985, 16.8001

Background



This preview shows how black text looks on a background with the XYZ color 13.6104, 15.7985, 16.8001.



This preview shows how white text looks on a background with the XYZ color 13.6104, 15.7985,

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

13.6104, 15.7985, 16.8001

Protanopia

14.9875, 15.7032, 15.8768

Deuteranopia

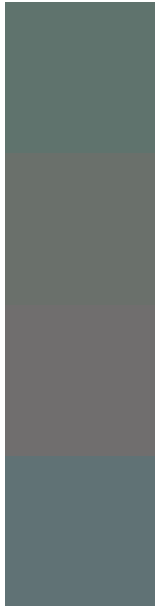
16.0121, 15.7280, 17.2308



Tritanopia

14.3477, 15.7568, 20.6975

Trichromacy



Original Color

13.6104, 15.7985, 16.8001

Protanomaly

14.3919, 15.7140, 16.1845

Deuteranomaly

15.0725, 15.7224, 16.9922

Tritanomaly

14.0521, 15.8058, 19.1398

Monochromacy



Original Color

13.6104, 15.7985, 16.8001

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9847, 15.3352, 16.4103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6104, 15.7985, 16.8001 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(95, 115, 109) looks like.

```
.text, #text, p{  
    color:rgb(95, 115, 109)  
}
```

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(95, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 115, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.6104, 15.7985, 16.8001 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(95, 115, 109) }
```


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

```
.border{ border-color:rgb(95, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(95, 115,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6104, 15.7985, 16.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 115, 109) }
```

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

```
.background{ background-color: rgb(95, 115,  
109) }
```

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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