

Converting Colors

XYZ(13.3186, 13.4715, 15.7320)

Have a look what the booklet for
XYZ(13.3186, 13.4715, 15.7320)
contains.

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Color

**XYZ(13.3709, 13.4947,
15.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	6B656B
RGB	107, 101, 107
RGB Percent	42%, 40%, 42%
CMY	0.5804, 0.6039, 0.5804
CMYK	0.00, 0.06, 0.00, 0.58
HSL	300°, 3%, 41%
HSV	300°, 6%, 42%
XYZ	13.3709, 13.4947, 15.8099
YIQ	103.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

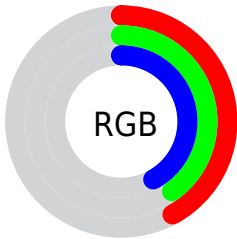
Format	Color
R_{YB}	107, 101, 107
Decimal	7038315
CIE Lab	43.50, 3.58, -2.54
CIE LCh	43, 4.386, 324.693
Yxy	13.4947, 0.3133, 0.3162
Android (android.graphics.Color)	4285228395 (0xFF6B656B)
YUV	103.4780, 1.7363, 3.0888
Hunter-Lab	36.7351, 0.6842, 0.1976

Details

The XYZ color **13.3709, 13.4947, 15.8099** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9740, 14.2220, 14.3740**, and the grayscale version is **13.0144, 13.6922, 14.9108**.

A 20% lighter version of the original color is **31.5003, 32.1942, 36.9016**, and **3.9983, 3.9252, 4.8219** is the 20% darker color. If you saturate the color by 10%, you get **12.3991, 11.5509, 15.4861**, and if you desaturate by 10%, it is **14.4788, 15.7103, 16.1794**.

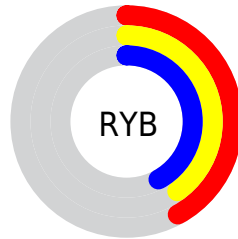
Distribution



Red (42%)

Green (40%)

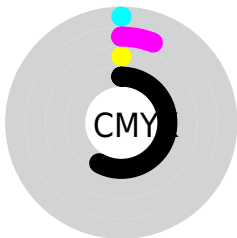
Blue (42%)



Red (42%)

Yellow (40%)

Blue (42%)

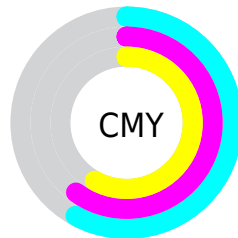


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3709, 13.4947, 15.8099 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 13.3709, 13.4947, 15.8099 by changing the saturation by 10% instead.

■ 13.3709, 13.4947,
15.8099

■ 13.3709, 13.4947,
15.8099

206.8711,
214.0643, 240.0246

■ 7.7632, 7.7701,
9.2368

■ 31.5642, 32.1897,
37.0301

■ 3.9943, 3.9482,
4.7971

■ 44.8805, 45.9289,
52.5142

■ 1.6989, 1.6446,
2.0720

■ 61.4971, 63.1084,
71.8058

■ 0.4556, 0.3874,
0.5991

■ 81.7793, 84.1126,
95.3235

■ 0.0000, 0.0000,
0.0000

106.0924,
109.3259, 123.4856

134.8019,

139.1326, 156.7108

168.2730,
173.9173, 195.4177

■ 13.3709, 13.4947,
15.8099

■ 13.3709, 13.4947,
15.8099

■ 12.3991, 11.5509,
15.4861

■ 14.4788, 15.7103,
16.1794

■ 11.5569, 9.8667,
15.2054

■ 15.7265, 18.2056,
16.5952

■ 10.8394, 8.4316,
14.9663

■ 17.1190, 20.9907,
17.0594

■ 10.2405, 7.2339,
14.7666

■ 18.6609, 24.0743,
17.5734

■ 9.7539, 6.2608,
14.6044

■ 20.3563, 27.4651,
18.1385

■ 9.3726, 5.4982,
14.4773

■ 22.2093, 31.1711,
18.7562

■ 9.0888, 4.9306,
14.3828

■ 24.2239, 35.2002,
19.4277

■ 8.8937, 4.5404,
14.3177

■ 26.4038, 39.5600,
20.1543

■ 8.7681, 4.2893,
14.2759

■ 28.7528, 44.2579,
20.9373

Harmonies

Analogous

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



13.1032, 13.4947, 16.4733



13.3709, 13.4947, 15.8099



13.4928, 13.4947, 14.8685

Triad

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



13.3709, 13.4947, 15.8099



12.8873, 13.4947, 12.8955



12.2376, 13.4947, 15.4950

Complementary

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



13.3709, 13.4947, 15.8099



12.9740, 14.2220, 14.3740

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.



12.1821, 13.4947, 14.5198



13.3709, 13.4947, 15.8099



12.5533, 13.4947, 13.0467

Square

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



13.3709, 13.4947, 15.8099



13.2104, 13.4947, 13.2084



12.2967, 13.4947, 13.6308



12.4497, 13.4947, 16.2858

Rectangle

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



13.3709, 13.4947, 15.8099



13.4735, 13.4947, 14.2205



12.2967, 13.4947, 13.6308



12.2002, 13.4947, 15.1767

Sweetspot

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



13.3713, 13.4953, 15.8102



24.6185, 25.5161, 28.5353



12.6847, 13.1557, 15.7808



5.9666, 6.1917, 6.9094



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.3713, 13.4953, 15.8102



23.6497, 23.5786, 28.2123



13.2213, 13.4353, 15.0202



3.2621, 3.2529, 3.8908



10.6047, 5.0940, 17.3466



54.0356, 25.9560, 88.3882

Inverse Universe

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



13.0665, 13.3734, 14.2053



22.9561, 23.3011, 24.5593



13.1186, 14.2799, 15.1354



3.1668, 3.2148, 3.3889



7.3765, 3.8027, 0.3453



37.5865, 19.3765, 1.7592

Previews

White Background



This preview shows how the XYZ color 13.3709, 13.4947, 15.8099 looks on a white background.

Color Contrast Check

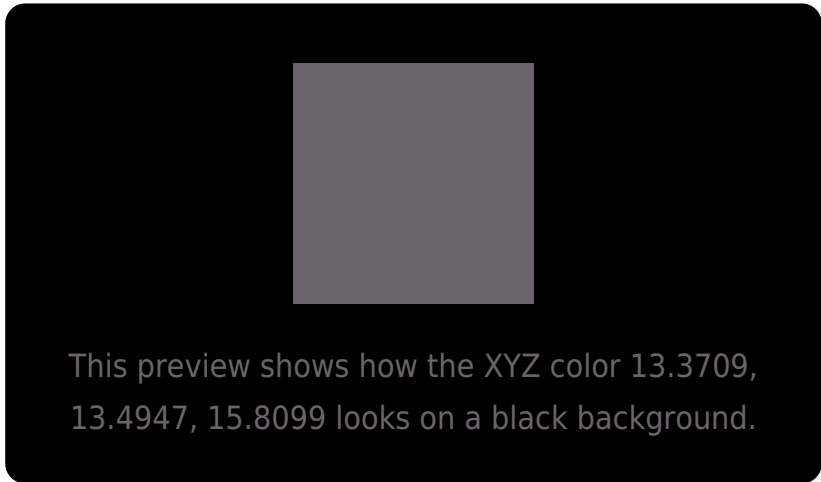
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

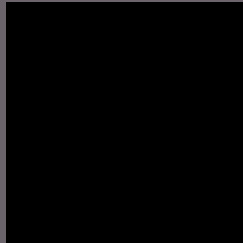
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3709, 13.4947, 15.8099

Background



This preview shows how black text looks on a background with the XYZ color 13.3709, 13.4947, 15.8099.



This preview shows how white text looks on a background with the XYZ color 13.3709, 13.4947,

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

13.3709, 13.4947, 15.8099

Protanopia

13.0517, 13.4690, 16.0992

Deuteranopia

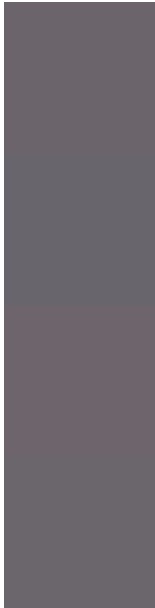
13.7666, 13.5554, 15.8008



Tritanopia

13.4774, 13.5373, 16.3706

Trichromacy



Original Color

13.3709, 13.4947, 15.8099

Protanomaly

13.1671, 13.5285, 16.1046

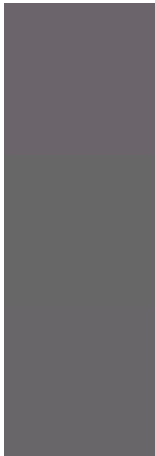
Deuteranomaly

13.6414, 13.4909, 15.7949

Tritanomaly

13.4239, 13.5159, 16.0887

Monochromacy



Original Color

13.3709, 13.4947, 15.8099

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.9590, 13.4453, 15.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3709, 13.4947, 15.8099 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(107, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 101, 107)  
}
```

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(107, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 101, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.3709, 13.4947, 15.8099 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(107, 101, 107) }
```


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

```
.border{ border-color:rgb(107, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 101,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3709, 13.4947, 15.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 101, 107) }
```

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

```
.background{ background-color: rgb(107,  
101, 107) }
```

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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