

Converting Colors

XYZ(13.1605, 13.5372, 15.5773)

Have a look what the booklet for
XYZ(13.1605, 13.5372, 15.5773)
contains.

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Color

**XYZ(13.1786, 13.5466,
15.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	69666A
RGB	105, 102, 106
RGB Percent	41%, 40%, 42%
CMY	0.5882, 0.6000, 0.5843
CMYK	0.01, 0.04, 0.00, 0.58
HSL	285°, 2%, 41%
HSV	285°, 4%, 42%
XYZ	13.1786, 13.5466, 15.5558
YIQ	103.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

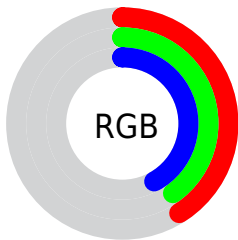
Format	Color
RYB	105, 102, 106
Decimal	6907498
CIELab	43.58, 2.00, -1.84
CIElCh	44, 2.715, 317.403
Yxy	13.5466, 0.3117, 0.3204
Android (android.graphics.Color)	4285097578 (0xFF69666A)
YUV	103.3530, 1.3050, 1.4444
Hunter-Lab	36.8057, -0.4965, 0.7053

Details

The XYZ color **13.1786, 13.5466, 15.5558** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1463, 14.1512, 14.6096**, and the grayscale version is **12.9825, 13.6586, 14.8742**.

A 20% lighter version of the original color is **31.1873, 32.2847, 36.4861**, and **3.9005, 3.9477, 4.6941** is the 20% darker color. If you saturate the color by 10%, you get **11.8965, 11.4371, 15.2164**, and if you desaturate by 10%, it is **14.6044, 15.9287, 15.9406**.

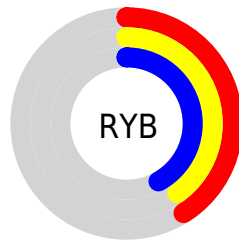
Distribution



Red (41%)

Green (40%)

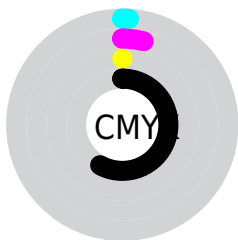
Blue (42%)



Red (41%)

Yellow (40%)

Blue (42%)

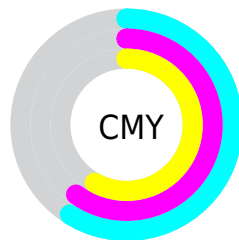


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (58%)



Cyan (59%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1786, 13.5466, 15.5558 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 13.1786, 13.5466, 15.5558 by changing the saturation by 10% instead.

■ 13.1786, 13.5466,
15.5558

■ 13.1786, 13.5466,
15.5558

205.6737,
214.3917, 238.4617

■ 7.6295, 7.8060,
9.0594

■ 31.2229, 32.2823,
36.5813

■ 3.9086, 3.9711,
4.6826

■ 44.4487, 46.0463,
51.9475

■ 1.6506, 1.6574,
2.0068

■ 60.9642, 63.2535,
71.1075

■ 0.4250, 0.3958,
0.5595

■ 81.1347, 84.2883,
94.4797

■ 0.0000, 0.0000,
0.0000

105.3256,
109.5351, 122.4826

133.9021,

139.3783, 155.5349

167.2297,
174.2024, 194.0551

■ 13.1786, 13.5466,
15.5558

■ 13.1786, 13.5466,
15.5558

■ 11.8965, 11.4371,
15.2164

■ 14.6044, 15.9287,
15.9406

■ 10.7518, 9.5884,
14.9199

■ 16.1777, 18.5912,
16.3717

■ 9.7395, 7.9904,
14.6648

■ 17.9032, 21.5438,
16.8506

■ 8.8539, 6.6317,
14.4492

■ 19.7856, 24.7952,
17.3790

■ 8.0886, 5.4999,
14.2711

■ 21.8289, 28.3535,
17.9581

7.4370, 4.5815,
14.1282

24.0372, 32.2268,
18.5893

6.8914, 3.8616,
14.0180

26.4144, 36.4228,
19.2740

6.4433, 3.3234,
13.9377

28.9643, 40.9488,
20.0132

6.0793, 2.9399,
13.8829

31.6904, 45.8121,
20.8082

Harmonies

Analogous

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



12.9982, 13.5466, 15.8944



13.1786, 13.5466, 15.5558



13.2783, 13.5466, 15.0065

Triad

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



13.1786, 13.5466, 15.5558



12.9649, 13.5466, 13.6377



12.4899, 13.5466, 15.1025

Complementary

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



13.1786, 13.5466, 15.5558



13.1463, 14.1512, 14.6096

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.



12.4812, 13.5466, 14.4963



13.1786, 13.5466, 15.5558



12.7539, 13.5466, 13.6618

Square

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



13.1786, 13.5466, 15.5558



13.1540, 13.5466, 13.9056



12.5774, 13.5466, 13.9724



12.6012, 13.5466, 15.6277

Rectangle

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



13.1786, 13.5466, 15.5558



13.2849, 13.5466, 14.5998



12.5774, 13.5466, 13.9724



12.4749, 13.5466, 14.9011

Sweetspot

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



13.1790, 13.5472, 15.5561



23.7904, 24.8742, 27.4784



12.9384, 13.5797, 15.5751



5.5779, 5.8351, 6.4381



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



13.1790, 13.5472, 15.5561



22.8071, 23.2417, 27.2151



13.2488, 13.5888, 15.3075



3.2653, 3.3223, 3.9040



7.2505, 3.3648, 17.1896



36.1211, 16.7207, 87.5498

Inverse Universe

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



13.1438, 13.5468, 14.7546



22.7248, 23.2413, 25.3110



13.0788, 14.1111, 14.8494



3.2530, 3.3223, 3.6180



7.6023, 3.8931, 1.5345



38.4343, 19.7157, 6.2237

Previews

White Background



This preview shows how the XYZ color 13.1786, 13.5466, 15.5558 looks on a white background.

Color Contrast Check

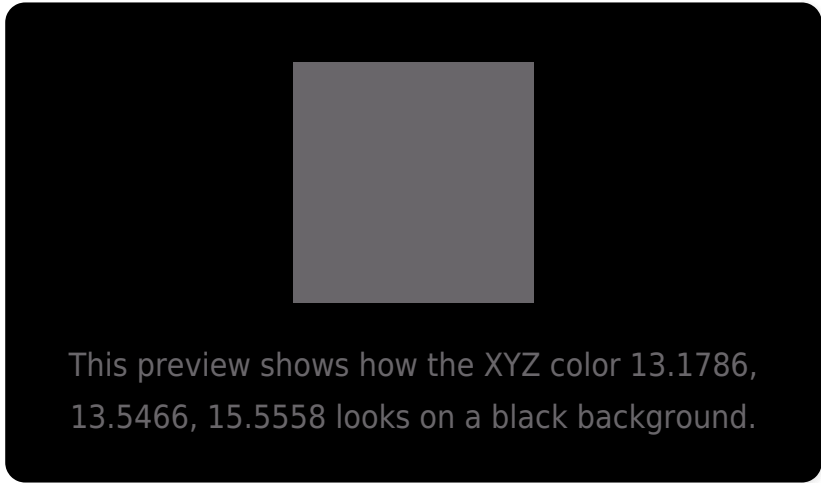
Large Text (above 18pt) WCAG AA ✓ Pass

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

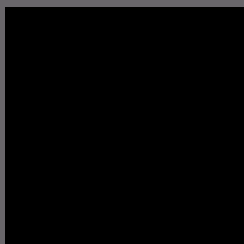
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

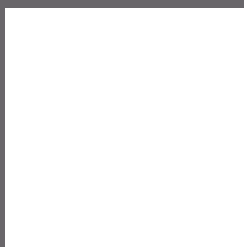
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.1786, 13.5466, 15.5558

Background



This preview shows how black text looks on a background with the XYZ color 13.1786, 13.5466, 15.5558.



This preview shows how white text looks on a background with the XYZ color 13.1786, 13.5466,

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

13.1786, 13.5466, 15.5558

Protanopia

13.0618, 13.4864, 15.5504

Deuteranopia

13.7142, 13.5345, 15.5253



Tritanopia

13.3579, 13.4757, 16.3650

Trichromacy

**Original Color**

13.1786, 13.5466, 15.5558

Protanomaly

13.0618, 13.4864, 15.5504

Deuteranomaly

13.5619, 13.5992, 15.5458

Tritanomaly

13.3043, 13.4542, 16.0831

Monochromacy

**Original Color**

13.1786, 13.5466, 15.5558

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0579, 13.6430, 15.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1786, 13.5466, 15.5558 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(105, 102, 106)` looks like.

```
.text, #text, p{  
    color:rgb(105, 102, 106)  
}
```

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(105, 102, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 102, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.1786, 13.5466, 15.5558 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(105, 102, 106) }
```


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

```
.border{ border-color:rgb(105, 102, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 102, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 102, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 102, 106);  
box-shadow:4px 4px 4px 4px rgb(105, 102,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1786, 13.5466, 15.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 102, 106) }
```

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

```
.background{ background-color: rgb(105,  
102, 106) }
```

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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