

Converting Colors

XYZ(11.6786, 13.1669, 14.8449)

Have a look what the booklet for
XYZ(11.6786, 13.1669, 14.8449)
contains.

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Color

**XYZ(11.7162, 13.2561,
14.7731)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6967
RGB	90, 105, 103
RGB Percent	35%, 41%, 40%
CMY	0.6471, 0.5882, 0.5961
CMYK	0.14, 0.00, 0.02, 0.59
HSL	172°, 8%, 38%
HSV	172°, 14%, 41%
XYZ	11.7162, 13.2561, 14.7731
YIQ	100.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

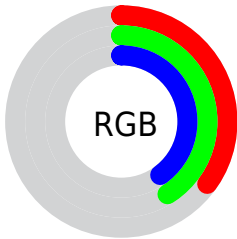
Format	Color
R_{YB}	90, 98, 105
Decimal	5925223
CIE _{Lab}	43.15, -6.10, -0.79
CIE _{LCh}	43, 6.154, 187.406
Yxy	13.2561, 0.2948, 0.3335
Android (android.graphics.Color)	4284115303 (0xFF5A6967)
YUV	100.2870, 1.3375, -9.0217
Hunter-Lab	36.4089, -6.2753, 1.4290

Details

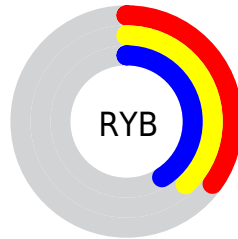
The XYZ color **11.7162, 13.2561, 14.7731** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4141, 11.0886, 11.6646**, and the grayscale version is **12.1849, 12.8195, 13.9604**.

A 20% lighter version of the original color is **28.5364, 31.6855, 35.1837**, and **3.2656, 3.8471, 4.3118** is the 20% darker color. If you saturate the color by 10%, you get **10.6965, 12.7389, 14.3616**, and if you desaturate by 10%, it is **12.8821, 13.8493, 15.1982**.

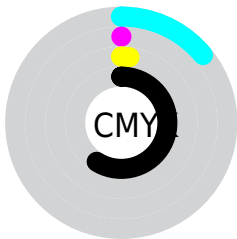
Distribution



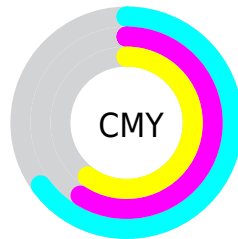
- Red (35%)
- Green (41%)
- Blue (40%)



- Red (35%)
- Yellow (38%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7162, 13.2561, 14.7731 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 11.7162, 13.2561, 14.7731 by changing the saturation by 10% instead.

■ 11.7162, 13.2561,
14.7731

■ 11.7162, 13.2561,
14.7731

196.3258,
212.5525, 233.5820

■ 6.6216, 7.6051,
8.5154

■ 28.5985, 31.7631,
35.1913

■ 3.2708, 3.8433,
4.3340

■ 41.1169, 45.3880,
50.1889

■ 1.2985, 1.5863,
1.8103

■ 56.8406, 62.4395,
68.9369

■ 0.1821, 0.3483,
0.4348

■ 76.1349, 83.3023,
91.8539

■ 0.0000, 0.0000,
0.0000

■ 99.3653, 108.3605,
119.3583

126.8969,

137.9987, 151.8688

159.0954,
172.6013, 189.8039

■ 11.7162, 13.2561,
14.7731

■ 11.7162, 13.2561,
14.7731

■ 10.6965, 12.7389,
14.3616

■ 12.8821, 13.8493,
15.1982

■ 9.8160, 12.2928,
13.9624

■ 14.1988, 14.5198,
15.6363

■ 9.0684, 11.9152,
13.5755

■ 15.6721, 15.2708,
16.0879

■ 8.4469, 11.6025,
13.2006

■ 17.3070, 16.1050,
16.5533

■ 7.9439, 11.3507,
12.8373

■ 19.1083, 17.0249,
17.0328

■ 7.5509, 11.1555,
12.4851

■ 21.0809, 18.0329,
17.5265

■ 7.2585, 11.0120,
12.1436

■ 23.2291, 19.1313,
18.0349

■ 7.0496, 10.9114,
11.8120

■ 25.5573, 20.3224,
18.5580

■ 6.9398, 10.8588,
11.6256

■ 28.0696, 21.6082,
19.0961

Harmonies

Analogous

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



11.7758, 13.2561, 13.4528



11.7162, 13.2561, 14.7731



11.8886, 13.2561, 16.0799

Triad

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



11.7162, 13.2561, 14.7731



13.1620, 13.2561, 16.6105



12.9533, 13.2561, 12.1530

Complementary

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



11.7162, 13.2561, 14.7731



11.4141, 11.0886, 11.6646

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.



13.3383, 13.2561, 12.9038



11.7162, 13.2561, 14.7731



13.4608, 13.2561, 15.4610

Square

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



11.7162, 13.2561, 14.7731



12.7175, 13.2561, 17.1831



13.5262, 13.2561, 14.0994



12.4823, 13.2561, 11.9943

Rectangle

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



11.7162, 13.2561, 14.7731



12.1144, 13.2561, 16.7490



13.5262, 13.2561, 14.0994



13.0974, 13.2561, 12.3421

Sweetspot

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



11.7166, 13.2567, 14.7734



23.1041, 24.8172, 27.2262



11.3361, 13.1301, 11.6099



5.3813, 5.7977, 6.3670



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.



11.7166, 13.2567, 14.7734



20.3662, 23.4253, 26.2137



11.2999, 12.2605, 15.1362



3.1653, 3.4853, 3.8542



8.7771, 13.7449, 14.6692



44.4924, 69.9440, 73.5309

Inverse Universe

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



11.4141, 11.0886, 11.6646



19.7172, 18.7722, 19.5420



11.7864, 11.9714, 11.3626



3.1147, 3.1228, 3.3343



7.4674, 3.8391, 0.8242



37.8563, 19.4845, 3.1801

Previews

White Background



This preview shows how the XYZ color 11.7162, 13.2561, 14.7731 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 11.7162, 13.2561, 14.7731 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

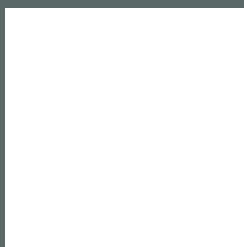
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7162, 13.2561, 14.7731

Background



This preview shows how black text looks on a background with the XYZ color 11.7162, 13.2561, 14.7731.



This preview shows how white text looks on a background with the XYZ color 11.7162, 13.2561,

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

11.7162, 13.2561, 14.7731

Protanopia

12.7116, 13.1900, 14.1879

Deuteranopia

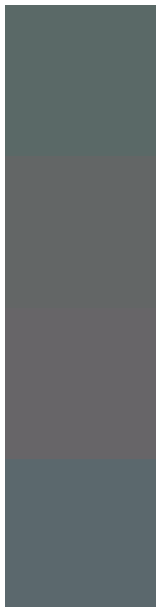
13.3909, 13.2382, 14.9461



Tritanopia

12.2886, 13.3458, 17.2576

Trichromacy



Original Color

11.7162, 13.2561, 14.7731

Protanomaly

12.2952, 13.1147, 14.4537

Deuteranomaly

12.7459, 13.1904, 14.9709

Tritanomaly

12.0250, 13.2289, 16.3876

Monochromacy



Original Color

11.7162, 13.2561, 14.7731

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.9242, 12.9291, 14.1790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7162, 13.2561, 14.7731 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(90, 105, 103) looks like.

```
.text, #text, p{  
    color:rgb(90, 105, 103)  
}
```

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(90, 105, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 105, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.7162, 13.2561, 14.7731 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(90, 105, 103) }
```


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

```
.border{ border-color:rgb(90, 105, 103) }
```

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

Here you see how a box with a 4 pixel rgb(90, 105, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 105, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 105, 103);  
box-shadow:4px 4px 4px 4px rgb(90, 105,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7162, 13.2561, 14.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 105, 103) }
```

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

```
.background{ background-color: rgb(90, 105,  
103) }
```

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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