

Converting Colors

XYZ(11.6537, 15.1591, 17.8064)

Have a look what the booklet for
XYZ(11.6537, 15.1591, 17.8064)
contains.

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Color

**XYZ(11.6567, 15.1081,
17.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	437571
RGB	67, 117, 113
RGB Percent	26%, 46%, 44%
CMY	0.7372, 0.5412, 0.5569
CMYK	0.43, 0.00, 0.03, 0.54
HSL	175°, 27%, 36%
HSV	175°, 43%, 46%
XYZ	11.6567, 15.1081, 17.9246
YIQ	101.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

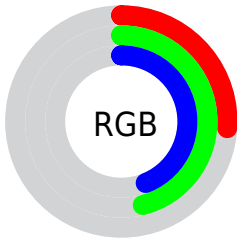
Format	Color
RYB	67, 93, 117
Decimal	4420977
CIELab	45.78, -17.88, -3.09
CIELCh	46, 18.149, 189.809
Yxy	15.1081, 0.2608, 0.3381
Android (android.graphics.Color)	4282611057 (0xFF437571)
YUV	101.5940, 5.6232, -30.3389
Hunter-Lab	38.8691, -14.4896, -0.1333

Details

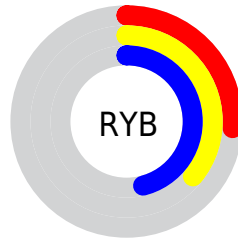
The XYZ color **11.6567, 15.1081, 17.9246** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.4812, 8.2517, 7.0022**, and the grayscale version is **12.5150, 13.1668, 14.3386**.

A 20% lighter version of the original color is **28.4507, 34.9441, 40.8427**, and **3.2024, 4.6093, 5.7219** is the 20% darker color. If you saturate the color by 10%, you get **10.8819, 14.7151, 17.6149**, and if you desaturate by 10%, it is **12.5950, 15.5861, 18.2454**.

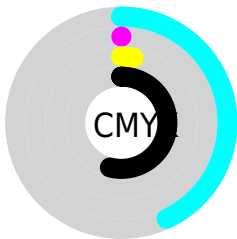
Distribution



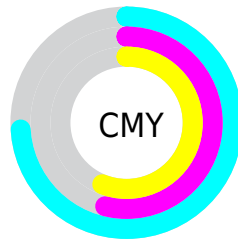
- Red (26%)
- Green (46%)
- Blue (44%)



- Red (26%)
- Yellow (36%)
- Blue (46%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (74%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6567, 15.1081, 17.9246 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 11.6567, 15.1081, 17.9246 by changing the saturation by 10% instead.

■ 11.6567, 15.1081,
17.9246

■ 11.6567, 15.1081,
17.9246

195.9358,
224.0196, 252.6675

■ 6.5809, 8.8953,
10.7270

■ 28.4906, 35.0427,
40.7210

■ 3.2454, 4.6729,
5.7717

■ 40.9794, 49.5333,
57.1569

■ 1.2848, 2.0567,
2.6402

■ 56.6700, 67.5519,
77.5093

■ 0.1718, 0.6401,
0.9131

■ 75.9276, 89.4830,
102.1967

■ 0.0000, 0.0000,
0.0000

■ 99.1176, 115.7109,
131.6377

126.6054,

146.6200, 166.2508

158.7564,
182.5948, 206.4546

■ 11.6567, 15.1081,
17.9246

■ 11.6567, 15.1081,
17.9246

■ 10.8819, 14.7151,
17.6149

■ 12.5950, 15.5861,
18.2454

■ 10.2595, 14.4003,
17.3148

■ 13.7045, 16.1519,
18.5768

■ 9.7791, 14.1585,
17.0242

■ 14.9941, 16.8104,
18.9195

■ 9.4283, 13.9835,
16.7425

■ 16.4714, 17.5657,
19.2738

■ 9.1918, 13.8674,
16.4690

■ 18.1439, 18.4215,
19.6401

■ 9.0491, 13.7981,
16.2733

■ 20.0184, 19.3814,
20.0188

■ 22.1017, 20.4489,
20.4101

■ 24.3999, 21.6271,
20.8144

■ 26.9192, 22.9192,
21.2319

Harmonies

Analogous

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



11.7768, 15.1081, 13.7153



11.6567, 15.1081, 17.9246



12.2205, 15.1081, 22.4420

Triad

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



11.6567, 15.1081, 17.9246



16.3227, 15.1081, 23.7916



15.3972, 15.1081, 9.7532

Complementary

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



11.6567, 15.1081, 17.9246



10.4812, 8.2517, 7.0022

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.



16.7353, 15.1081, 11.6328



11.6567, 15.1081, 17.9246



17.2953, 15.1081, 19.5263

Square

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



11.6567, 15.1081, 17.9246



14.8658, 15.1081, 26.2045



17.4515, 15.1081, 15.0589



13.8654, 15.1081, 9.4779

Rectangle

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



11.6567, 15.1081, 17.9246



12.9334, 15.1081, 24.8408



17.4515, 15.1081, 15.0589



15.8874, 15.1081, 10.2002

Sweetspot

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



11.6571, 15.1087, 17.9250



26.7006, 30.0256, 33.8406



9.9857, 14.4743, 7.5782



6.0382, 6.8519, 7.7547



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.



11.6571, 15.1087, 17.9250



19.5379, 26.3760, 31.5648



9.7242, 10.8744, 18.4167



3.7713, 4.1505, 4.6295



9.9672, 15.2009, 17.9153



48.4238, 74.0168, 86.5259

Inverse Universe

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



10.4812, 8.2517, 7.0022



17.1442, 12.3977, 9.3161



11.8258, 11.1398, 6.8376



3.6948, 3.7052, 3.9194



8.1365, 4.1883, 0.6608



39.5148, 20.3560, 2.5081

Previews

White Background



This preview shows how the XYZ color 11.6567, 15.1081, 17.9246 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 11.6567, 15.1081, 17.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

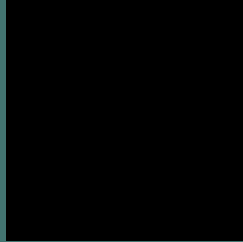
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6567, 15.1081, 17.9246

Background



This preview shows how black text looks on a background with the XYZ color 11.6567, 15.1081, 17.9246.



This preview shows how white text looks on a background with the XYZ color 11.6567, 15.1081,

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

11.6567, 15.1081, 17.9246

Protanopia

14.3419, 14.8919, 16.0284

Deuteranopia

15.2742, 15.0089, 18.6150



Tritanopia

12.3582, 15.0442, 21.6545

Trichromacy



Original Color

11.6567, 15.1081, 17.9246

Protanomaly

13.0608, 14.8527, 16.6465

Deuteranomaly

13.6002, 14.7718, 18.3541

Tritanomaly

12.1508, 15.1365, 20.3704

Monochromacy



Original Color

11.6567, 15.1081, 17.9246

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9790, 13.6798, 15.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6567, 15.1081, 17.9246 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(67, 117, 113)` looks like.

```
.text, #text, p{  
    color:rgb(67, 117, 113)  
}
```

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(67, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 117, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.6567, 15.1081, 17.9246 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(67, 117, 113) }
```


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

```
.border{ border-color:rgb(67, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(67, 117,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6567, 15.1081, 17.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 117, 113) }
```

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

```
.background{ background-color: rgb(67, 117,  
113) }
```

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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