

Converting Colors

XYZ(7.1627, 11.0110, 6.6490)

Have a look what the booklet for
XYZ(7.1627, 11.0110, 6.6490)
contains.

XYZ(7.1959, 11.1017, 6.6141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(7.1959, 11.1017,
6.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	306940
RGB	48, 105, 64
RGB Percent	19%, 41%, 25%
CMY	0.8118, 0.5882, 0.7490
CMYK	0.54, 0.00, 0.39, 0.59
HSL	137°, 37%, 30%
HSV	137°, 54%, 41%
XYZ	7.1959, 11.1017, 6.6141
YIQ	83.2830, -20.8110, -24.8350

Conversions

Conversions Part 2

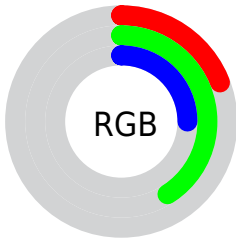
Format	Color
RYB	48, 93, 105
Decimal	3172672
CIELab	39.75, -28.79, 17.50
CIELCh	40, 33.690, 148.700
Yxy	11.1017, 0.2889, 0.4456
Android (android.graphics.Color)	4281362752 (0xFF306940)
YUV	83.2830, -9.5065, -30.9432
Hunter-Lab	33.3192, -19.7582, 11.5540

Details

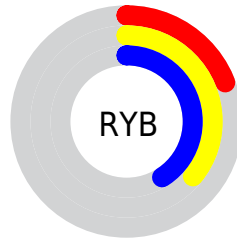
The XYZ color **7.1959, 11.1017, 6.6141** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.6861, 5.8386, 10.1206**, and the grayscale version is **8.3017, 8.7341, 9.5114**.

A 20% lighter version of the original color is **20.1272, 27.9364, 19.6607**, and **1.5894, 2.9768, 1.1526** is the 20% darker color. If you saturate the color by 10%, you get **6.5576, 10.7962, 5.5374**, and if you desaturate by 10%, it is **7.9812, 11.4803, 7.8502**.

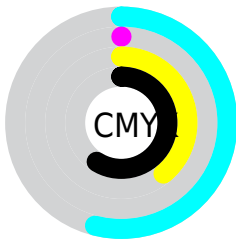
Distribution



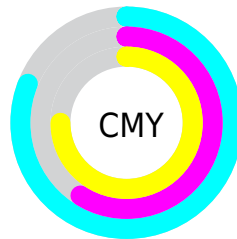
- Red (19%)
- Green (41%)
- Blue (25%)



- Red (19%)
- Yellow (36%)
- Blue (41%)



- Cyan (54%)
- Magenta (0%)
- Yellow (39%)
- Black (59%)





- Cyan (81%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.1959, 11.1017, 6.6141 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 7.1959, 11.1017, 6.6141 by changing the saturation by 10% instead.


 7.1959, 11.1017,
6.6141


 7.1959, 11.1017,
6.6141


163.7911,
198.3640, 173.9249


 3.6323, 6.1353,
3.1472

 20.0671, 27.8481,
19.6920


 1.4963, 2.9275,
1.1703


 30.1054, 40.3968,
30.1402

 0.3233, 1.0940,
0.0000

 43.0327, 56.2418,
43.7524

 0.0000, 0.0000,
0.0000

 59.2143, 75.7674,
60.9474

 79.0156, 99.3580,
82.1436

 102.8020,

127.3981, 107.7595

130.9387,
160.2719, 138.2138

■ 7.1959, 11.1017,
6.6141

■ 7.1959, 11.1017,
6.6141

■ 6.5576, 10.7962,
5.5374

■ 7.9812, 11.4803,
7.8502

■ 6.0560, 10.5575,
4.6129

■ 8.9213, 11.9349,
9.2510

■ 5.6804, 10.3807,
3.8337

■ 10.0245, 12.4700,
10.8226

■ 5.4126, 10.2566,
3.1920

■ 11.2983, 13.0893,
12.5706

■ 5.2795, 10.1947,
2.8830

■ 12.7496, 13.7962,
14.5003

■ 14.3850, 14.5942,
16.6165

■ 16.2107, 15.4862,
18.9243

■ 18.2327, 16.4752,
21.4283

■ 20.4567, 17.5642,
24.1330

Harmonies

Analogous

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



8.5609, 11.1017, 4.0155



7.1959, 11.1017, 6.6141



6.7078, 11.1017, 11.8017

Triad

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



7.1959, 11.1017, 6.6141



10.4514, 11.1017, 29.7671



14.9429, 11.1017, 6.9539

Complementary

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



7.1959, 11.1017, 6.6141



8.6861, 5.8386, 10.1206

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.



15.6396, 11.1017, 12.3786



7.1959, 11.1017, 6.6141



12.8297, 11.1017, 27.0151

Square

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



7.1959, 11.1017, 6.6141



8.4101, 11.1017, 26.5250



14.8163, 11.1017, 19.9663



13.0295, 11.1017, 4.1554

Rectangle

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



7.1959, 11.1017, 6.6141



6.8817, 11.1017, 16.6379



14.8163, 11.1017, 19.9663



15.3385, 11.1017, 8.4537

Sweetspot

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



7.1962, 11.1022, 6.6144



19.7076, 23.1828, 21.8005



9.7825, 12.4807, 4.6898



4.5378, 5.3923, 4.9995



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.



7.1962, 11.1022, 6.6144



11.4869, 19.2094, 9.4615



8.1895, 11.4995, 11.8450



3.0957, 3.4575, 3.4878



6.6698, 12.9020, 3.5723



33.6574, 65.6100, 16.4746

Inverse Universe

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



8.6861, 5.8386, 10.1206



14.4534, 8.6903, 16.4132



7.7333, 5.4575, 5.1033



3.1831, 3.1501, 3.6946



8.9914, 4.4487, 8.8490



45.4310, 22.5143, 43.0678

Previews

White Background



This preview shows how the XYZ color 7.1959, 11.1017, 6.6141 looks on a white background.

Color Contrast Check

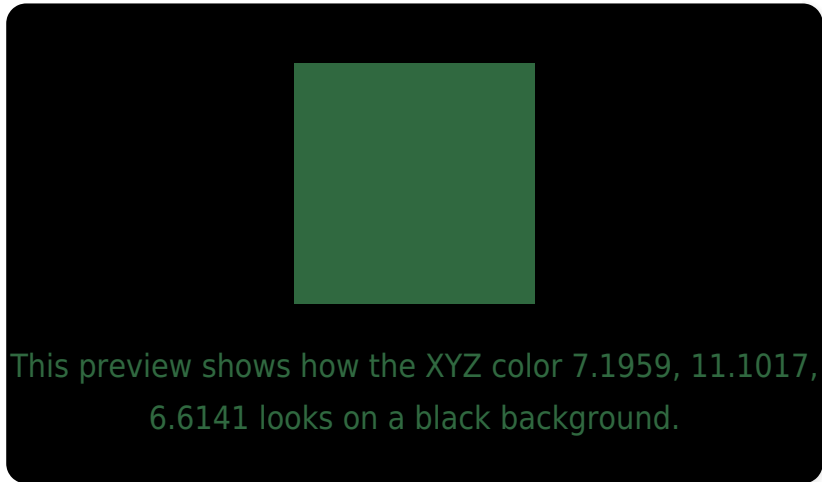
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.1959, 11.1017, 6.6141

Background



This preview shows how black text looks on a background with the XYZ color 7.1959, 11.1017, 6.6141.



This preview shows how white text looks on a background with the XYZ color 7.1959, 11.1017,

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

7.1959, 11.1017, 6.6141

Protanopia

10.1833, 10.9692, 5.7182

Deuteranopia

11.0462, 10.8771, 6.9861



Tritanopia

9.0676, 11.1269, 15.8571

Trichromacy



Original Color

7.1959, 11.1017, 6.6141

Protanomaly

8.5967, 10.6801, 6.0233

Deuteranomaly

9.0358, 10.6159, 6.8830

Tritanomaly

8.2587, 11.0877, 11.8301

Monochromacy



Original Color

7.1959, 11.1017, 6.6141

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

7.5714, 9.3061, 8.2347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1959, 11.1017, 6.6141 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(48, 105, 64)` looks like.

```
.text, #text, p{  
    color:rgb(48, 105, 64)  
}
```

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(48, 105, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 105, 64) }
```

Border

The CSS property to change the border of an element to XYZ 7.1959, 11.1017, 6.6141 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(48, 105, 64) }
```


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

```
.border{ border-color:rgb(48, 105, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 105, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 105, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 105, 64);  
box-shadow:4px 4px 4px 4px rgb(48, 105,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 7.1959, 11.1017, 6.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 105, 64) }
```

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

```
.background{ background-color: rgb(48, 105,  
64) }
```

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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