

Converting Colors

XYZ(6.4363, 11.1052, 4.6691)

Have a look what the booklet for
XYZ(6.4363, 11.1052, 4.6691)
contains.

XYZ(6.4077, 11.0442, 4.6998)	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(6.4077, 11.0442,
4.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	206B31
RGB	32, 107, 49
RGB Percent	13%, 42%, 19%
CMY	0.8745, 0.5804, 0.8078
CMYK	0.70, 0.00, 0.54, 0.58
HSL	134°, 54%, 27%
HSV	134°, 70%, 42%
XYZ	6.4077, 11.0442, 4.6998
YIQ	77.9630, -26.0820, -33.9380

Conversions

Conversions Part 2

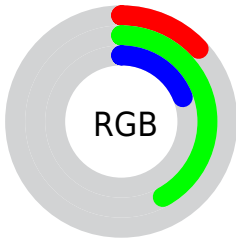
Format	Color
R_{YB}	32, 93, 107
Decimal	2124593
CIE Lab	39.65, -36.39, 25.80
CIE LCh	40, 44.612, 144.667
Yxy	11.0442, 0.2893, 0.4986
Android (android.graphics.Color)	4280314673 (0xFF206B31)
YUV	77.9630, -14.2788, -40.3096
Hunter-Lab	33.2328, -23.7404, 14.8782

Details

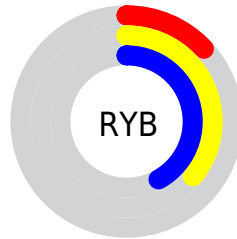
The XYZ color **6.4077, 11.0442, 4.6998** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.4256, 4.8971, 10.1739**, and the grayscale version is **7.2643, 7.6426, 8.3228**.

A 20% lighter version of the original color is **18.4863, 27.6856, 15.6788**, and **1.5240, 3.0305, 0.5621** is the 20% darker color. If you saturate the color by 10%, you get **5.9690, 10.8367, 3.8501**, and if you desaturate by 10%, it is **6.9871, 11.3211, 5.7241**.

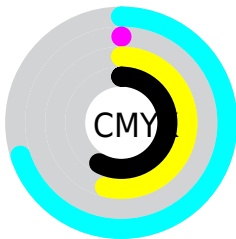
Distribution



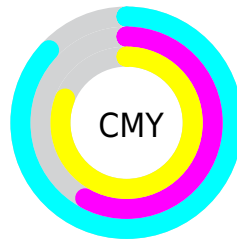
- Red (13%)
- Green (42%)
- Blue (19%)



- Red (13%)
- Yellow (36%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (54%)
- Black (58%)





- Cyan (87%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 6.4077, 11.0442, 4.6998 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 6.4077, 11.0442, 4.6998 by changing the saturation by 10% instead.


 6.4077, 11.0442,
4.6998


 6.4077, 11.0442,
4.6998


157.3019,
197.9705, 155.7122


 3.1375, 6.0966,
2.0166

 18.4881, 27.7419,
15.5940


 1.2269, 2.9039,
0.5654


 28.0290, 40.2607,
24.6421

 0.1275, 1.0818,
0.0000

 40.3908, 56.0721,
36.6489

 0.0000, 0.0000,
0.0000

 55.9390, 75.5603,
52.0329

 75.0388, 99.1099,
71.2127

 98.0557, 127.1052,

94.6068

125.3549,
159.9306, 122.6338

■ 6.4077, 11.0442,
4.6998

■ 6.4077, 11.0442,
4.6998

■ 5.9690, 10.8367,
3.8501

■ 6.9871, 11.3211,
5.7241

■ 5.6576, 10.6910,
3.1644

■ 7.7174, 11.6717,
6.9312

■ 5.4255, 10.5828,
2.6350

■ 8.6089, 12.1012,
8.3298

■ 9.6708, 12.6144,
9.9277

■ 10.9113, 13.2152,
11.7324

■ 12.3383, 13.9077,
13.7508

■ 13.9592, 14.6954,
15.9896

■ 15.7810, 15.5819,
18.4554

■ 17.8102, 16.5703,
21.1541

Harmonies

Analogous

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



8.2378, 11.0442, 2.3162



6.4077, 11.0442, 4.6998



5.6792, 11.0442, 10.5329

Triad

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



6.4077, 11.0442, 4.6998



9.9623, 11.0442, 37.6478



16.7691, 11.0442, 6.2958

Complementary

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



6.4077, 11.0442, 4.6998



8.4256, 4.8971, 10.1739

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.



17.4745, 11.0442, 13.6523



6.4077, 11.0442, 4.6998



13.1359, 11.0442, 34.6131

Square

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



6.4077, 11.0442, 4.6998



7.4615, 11.0442, 31.5539



16.0363, 11.0442, 24.5666



14.2613, 11.0442, 2.8759

Rectangle

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



6.4077, 11.0442, 4.6998



5.7898, 11.0442, 16.7917



16.0363, 11.0442, 24.5666



17.2430, 11.0442, 8.2587

Sweetspot

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



6.4080, 11.0447, 4.7001



19.1836, 23.4912, 20.4994



9.8085, 12.8316, 3.3262



4.5295, 5.6308, 4.7975



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.



6.4080, 11.0447, 4.7001



10.3128, 19.2279, 6.0898



7.5233, 11.4908, 10.5731



3.0895, 3.4550, 3.4552



6.5894, 12.8699, 3.1491



33.2934, 65.4645, 14.5581

Inverse Universe

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



8.4256, 4.8971, 10.1739



14.1641, 7.3925, 16.4639



7.2285, 4.4183, 3.8702



3.1897, 3.1527, 3.7291



9.2523, 4.5530, 10.2229



46.8049, 23.0639, 50.3028

Previews

White Background



This preview shows how the XYZ color 6.4077, 11.0442, 4.6998 looks on a white background.

Color Contrast Check

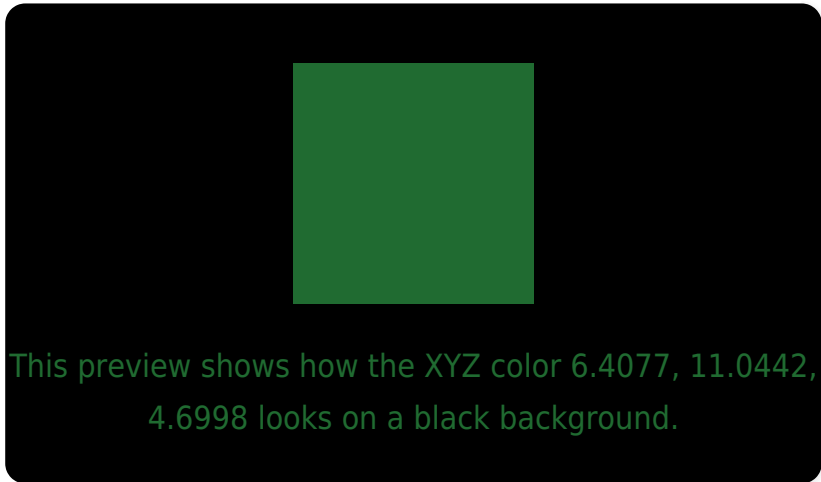
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.4077, 11.0442, 4.6998

Background



This preview shows how black text looks on a background with the XYZ color 6.4077, 11.0442, 4.6998.



This preview shows how white text looks on a background with the XYZ color 6.4077, 11.0442,

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

6.4077, 11.0442, 4.6998

Protanopia

9.9625, 10.8941, 3.9606

Deuteranopia

11.0483, 10.9218, 5.0158



Tritanopia

8.7792, 11.1153, 16.1507

Trichromacy



Original Color

6.4077, 11.0442, 4.6998

Protanomaly

7.9214, 10.5104, 4.1960

Deuteranomaly

8.4589, 10.4985, 4.8294

Tritanomaly

7.6093, 10.9241, 10.7243

Monochromacy



Original Color

6.4077, 11.0442, 4.6998

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

6.5100, 8.5421, 6.6159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.4077, 11.0442, 4.6998 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(32, 107, 49)` looks like.

```
.text, #text, p{  
    color:rgb(32, 107, 49)  
}
```

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(32, 107, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 107, 49) }
```

Border

The CSS property to change the border of an element to XYZ 6.4077, 11.0442, 4.6998 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(32, 107, 49) }
```


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

```
.border{ border-color:rgb(32, 107, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 107, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 107, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 107, 49);  
box-shadow:4px 4px 4px 4px rgb(32, 107,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 6.4077, 11.0442, 4.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 107, 49) }
```

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

```
.background{ background-color: rgb(32, 107,  
49) }
```

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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