

Converting Colors

XYZ(11.2637, 14.1665, 28.1274)

Have a look what the booklet for
XYZ(11.2637, 14.1665, 28.1274)
contains.

XYZ(11.2637, 14.1665, 28.1274)	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(11.2637, 14.1665,
28.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	14728F
RGB	20, 114, 143
RGB Percent	8%, 45%, 56%
CMY	0.9215, 0.5529, 0.4392
CMYK	0.86, 0.20, 0.00, 0.44
HSL	194°, 75%, 32%
HSV	194°, 86%, 56%
XYZ	11.2637, 14.1665, 28.1274
YIQ	89.2000, -65.3330, -10.9090

Conversions

Conversions Part 2

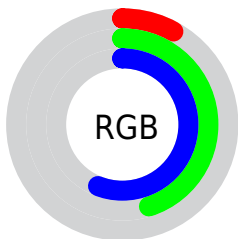
Format	Color
R _Y B	20, 73, 143
Decimal	1340047
CIE Lab	44.47, -15.06, -23.12
CIE LCh	44, 27.587, 236.923
Yxy	14.1665, 0.2103, 0.2645
Android (android.graphics.Color)	4279530127 (0xFF14728F)
YUV	89.2000, 26.5234, -60.6884
Hunter-Lab	37.6384, -12.4492, -17.9609

Details

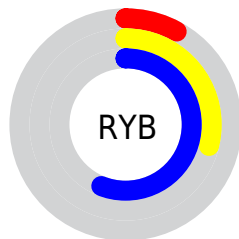
The XYZ color **11.2637, 14.1665, 28.1274** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **12.5529, 8.0877, 1.5618**, and the grayscale version is **9.4941, 9.9885, 10.8775**.

A 20% lighter version of the original color is **27.8341, 33.4275, 57.8085**, and **3.9240, 4.6867, 11.0537** is the 20% darker color. If you saturate the color by 10%, you get **10.6736, 13.3083, 27.9931**, and if you desaturate by 10%, it is **12.0328, 15.1383, 28.2747**.

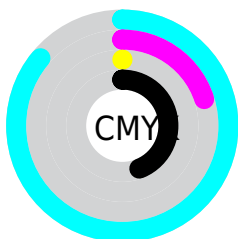
Distribution



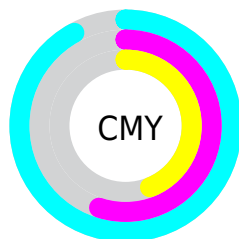
- Red (8%)
- Green (45%)
- Blue (56%)



- Red (8%)
- Yellow (29%)
- Blue (56%)



- Cyan (86%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (92%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2637, 14.1665, 28.1274 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 11.2637, 14.1665, 28.1274 by changing the saturation by 10% instead.

■ 11.2637, 14.1665,
28.1274

■ 11.2637, 14.1665,
28.1274

193.3390,
218.2642, 307.0062

■ 6.3131, 8.2366,
18.1818

■ 27.7754, 33.3842,
57.7133

■ 3.0788, 4.2467,
10.9098

■ 40.0672, 47.4407,
78.1908

■ 1.1956, 1.8125,
5.8928

■ 55.5368, 64.9748,
103.0159

■ 0.1029, 0.4949,
2.7123

■ 74.5496, 86.3710,
132.6073

■ 0.0000, 0.0000,
0.9496

■ 97.4708, 112.0137,
167.3835

■ 0.0000, 0.0000,
0.0000

■ 124.6659,

142.2872, 207.7630

156.5002,
177.5759, 254.1644

■ 11.2637, 14.1665,
28.1274

■ 11.2637, 14.1665,
28.1274

■ 10.6736, 13.3083,
27.9931

■ 12.0328, 15.1383,
28.2747

■ 10.4569, 12.9810,
27.9414

■ 13.0124, 16.2394,
28.4356

■ 14.2245, 17.4816,
28.6115

■ 15.6883, 18.8750,
28.8033

■ 17.4205, 20.4285,
29.0119

■ 19.4367, 22.1502,
29.2379

■ 21.7509, 24.0477,
29.4822

■ 24.3765, 26.1280,
29.7454

■ 27.3258, 28.3976,
30.0280

Harmonies

Analogous

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



10.0013, 14.1665, 21.6595



11.2637, 14.1665, 28.1274



13.2366, 14.1665, 31.1661

Triad

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



11.2637, 14.1665, 28.1274



18.2010, 14.1665, 16.0916



11.6203, 14.1665, 6.8809

Complementary

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



11.2637, 14.1665, 28.1274



12.5529, 8.0877, 1.5618

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.



13.6957, 14.1665, 6.1444



11.2637, 14.1665, 28.1274



17.6478, 14.1665, 10.5187

Square

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



11.2637, 14.1665, 28.1274



17.3743, 14.1665, 23.1188



15.9355, 14.1665, 7.2718



10.1908, 14.1665, 9.6610

Rectangle

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



11.2637, 14.1665, 28.1274



14.7480, 14.1665, 30.3542



15.9355, 14.1665, 7.2718



12.2583, 14.1665, 6.4261

Sweetspot

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



11.2642, 14.1670, 28.1278



34.5980, 39.4917, 52.3372



10.6595, 20.0133, 6.1747



7.6679, 8.8318, 11.9728



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.2642, 14.1670, 28.1278



18.5904, 22.9745, 49.9927



6.5111, 4.6608, 26.5434



5.4540, 5.9037, 6.8808



9.2622, 11.5105, 24.7107



0.1054, 0.1437, 0.2419

Inverse Universe

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



14.6155, 7.5554, 16.6080



25.1881, 12.4187, 26.7625



17.0521, 17.0861, 3.0615



5.5726, 5.4896, 6.5134



12.4783, 6.1483, 13.4358



0.1278, 0.0622, 0.1731

Previews

White Background



This preview shows how the XYZ color 11.2637, 14.1665, 28.1274 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 11.2637, 14.1665, 28.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

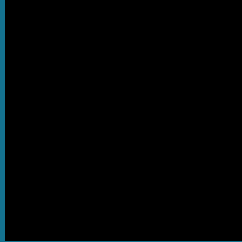
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2637, 14.1665, 28.1274

Background



This preview shows how black text looks on a background with the XYZ color 11.2637, 14.1665, 28.1274.

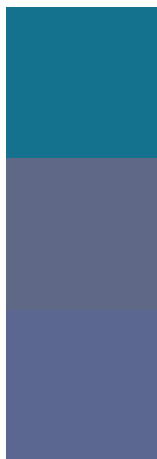


This preview shows how white text looks on a background with the XYZ color 11.2637, 14.1665,

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

11.2637, 14.1665, 28.1274

Protanopia

14.1474, 14.1367, 24.9047

Deuteranopia

14.2755, 13.9690, 28.7319



Tritanopia

10.0113, 13.9971, 21.9127

Trichromacy



Original Color

11.2637, 14.1665, 28.1274

Protanomaly

12.3339, 13.7890, 26.0562

Deuteranomaly

12.4717, 13.6528, 28.3635

Tritanomaly

10.3832, 13.9726, 23.9795

Monochromacy



Original Color

11.2637, 14.1665, 28.1274

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.2424, 10.9295, 16.0905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2637, 14.1665, 28.1274 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(20, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(20, 114, 143)  
}
```

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(20, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 114, 143) }
```

Border

The CSS property to change the border of an element to XYZ 11.2637, 14.1665, 28.1274 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(20, 114, 143) }
```


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

```
.border{ border-color:rgb(20, 114, 143) }
```

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

Here you see how a box with a 4 pixel rgb(20, 114, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(20, 114,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2637, 14.1665, 28.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 114, 143) }
```

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

```
.background{ background-color: rgb(20, 114,  
143) }
```

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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