

Converting Colors

XYZ(11.0765, 14.2446, 28.0729)

Have a look what the booklet for
XYZ(11.0765, 14.2446, 28.0729)
contains.

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Color

**XYZ(11.0887, 14.2446,
28.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	00738F
RGB	0, 115, 143
RGB Percent	0%, 45%, 56%
CMY	0.9999, 0.5490, 0.4392
CMYK	1.00, 0.20, 0.00, 0.44
HSL	192°, 100%, 28%
HSV	192°, 100%, 56%
XYZ	11.0887, 14.2446, 28.1517
YIQ	83.8070, -77.5280, -15.6720

Conversions

Conversions Part 2

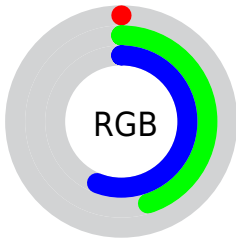
Format	Color
RYB	0, 64, 143
Decimal	29583
CIELab	44.58, -16.81, -22.96
CIELCh	45, 28.458, 233.788
Yxy	14.2446, 0.2073, 0.2663
Android (android.graphics.Color)	4278219663 (0xFF00738F)
YUV	83.8070, 29.1821, -73.4987
Hunter-Lab	37.7420, -13.6048, -17.8049

Details

The XYZ color **11.0887, 14.2446, 28.1517** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11.7439, 6.6715, 0.6695**, and the grayscale version is **8.3421, 8.7765, 9.5577**.

A 20% lighter version of the original color is **27.4640, 33.5077, 57.8434**, and **3.9829, 4.8046, 11.0734** is the 20% darker color. If you saturate the color by 10%, you get **11.0883, 14.2437, 28.1518**, and if you desaturate by 10%, it is **11.5993, 14.9894, 28.2688**.

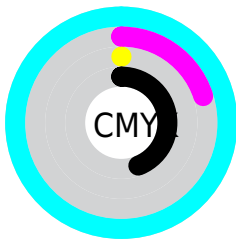
Distribution



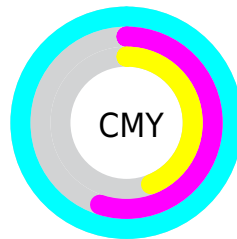
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0887, 14.2446, 28.1517 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 11.0887, 14.2446, 28.1517 by changing the saturation by 10% instead.

■ 11.0887, 14.2446,
28.1517

■ 11.0887, 14.2446,
28.1517

■ 192.1708,
218.7472, 307.1258

■ 6.1943, 8.2910,
18.2000

■ 27.4556, 33.5224,
57.7526

■ 3.0053, 4.2817,
10.9228

■ 39.6587, 47.6154,
78.2388

■ 1.1566, 1.8324,
5.9014

■ 55.0288, 65.1903,
103.0737

■ 0.0717, 0.5072,
2.7174

■ 73.9312, 86.6315,
132.6756

■ 0.0000, 0.0000,
0.9522

■ 96.7312, 112.3234,
167.4633

■ 0.0000, 0.0000,
0.0000

■ 123.7943,

142.6504, 207.8552

155.4857,
177.9969, 254.2698

■ 11.0887, 14.2446,
28.1517

■ 11.0887, 14.2446,
28.1517

■ 11.0883, 14.2437,
28.1518

■ 11.5993, 14.9894,
28.2688

■ 12.2433, 15.8172,
28.3947

■ 13.0842, 16.7612,
28.5326

■ 14.1451, 17.8334,
28.6836

■ 15.4461, 19.0443,
28.8488

■ 17.0046, 20.4029,
29.0289

■ 18.8365, 21.9176,
29.2247

■ 20.9565, 23.5960,
29.4369

■ 23.3780, 25.4453,
29.6662

Harmonies

Analogous

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



9.8791, 14.2446, 21.2058



11.0887, 14.2446, 28.1517



13.0657, 14.2446, 31.8346

Triad

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



11.0887, 14.2446, 28.1517



18.4336, 14.2446, 16.9227



11.8310, 14.2446, 6.5613

Complementary

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



11.0887, 14.2446, 28.1517



11.7439, 6.6715, 0.6695

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.



14.0238, 14.2446, 6.0124



11.0887, 14.2446, 28.1517



18.0069, 14.2446, 10.9379

Square

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



11.0887, 14.2446, 28.1517



17.4338, 14.2446, 24.2697



16.3262, 14.2446, 7.3652



10.2724, 14.2446, 9.1613

Rectangle

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



11.0887, 14.2446, 28.1517



14.6217, 14.2446, 31.3672



16.3262, 14.2446, 7.3652



12.5113, 14.2446, 6.1684

Sweetspot

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



11.0892, 14.2451, 28.1521



33.5032, 39.0646, 52.3124



10.0121, 19.7210, 4.2702



7.3879, 8.7171, 11.9654



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.



11.0892, 14.2451, 28.1521



19.7366, 25.2670, 50.3748



5.9083, 3.8832, 26.4251



5.4718, 5.9393, 6.8868



9.8186, 12.6232, 24.8961



0.1087, 0.1503, 0.2430

Inverse Universe

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



14.4227, 7.0781, 16.8261



25.7666, 12.6501, 29.8092



15.6700, 14.5239, 1.9783



5.5816, 5.4932, 6.5607



12.7591, 6.2607, 14.9145



0.1295, 0.0628, 0.1820

Previews

White Background



This preview shows how the XYZ color 11.0887, 14.2446, 28.1517 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 11.0887, 14.2446, 28.1517 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 11.0887, 14.2446, 28.1517

Background



This preview shows how black text looks on a background with the XYZ color 11.0887, 14.2446, 28.1517.



This preview shows how white text looks on a background with the XYZ color 11.0887, 14.2446,

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

11.0887, 14.2446, 28.1517

Protanopia

14.2533, 14.1913, 24.9096

Deuteranopia

14.5523, 14.2513, 29.1779



Tritanopia

10.1272, 14.2289, 21.9514

Trichromacy



Original Color

11.0887, 14.2446, 28.1517

Protanomaly

11.9366, 13.5842, 26.0376

Deuteranomaly

12.2770, 13.6993, 28.7852

Tritanomaly

10.4102, 14.1567, 24.0136

Monochromacy



Original Color

11.0887, 14.2446, 28.1517

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.1102, 9.9612, 14.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0887, 14.2446, 28.1517 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(0, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 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(0, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 143) }
```

Border

The CSS property to change the border of an element to XYZ 11.0887, 14.2446, 28.1517 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(0, 115, 143) }
```


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

```
.border{ border-color:rgb(0, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0887, 14.2446, 28.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 143) }
```

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

```
.background{ background-color: rgb(0, 115,  
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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