

Converting Colors

XYZ(10.8387, 14.0741, 27.0530)

Have a look what the booklet for
XYZ(10.8387, 14.0741, 27.0530)
contains.

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Color

**XYZ(10.8644, 14.1549,
26.9705)**

Conversions

Conversions Part 1

Format	Color
Hex	00738C
RGB	0, 115, 140
RGB Percent	0%, 45%, 55%
CMY	0.9999, 0.5490, 0.4510
CMYK	1.00, 0.18, 0.00, 0.45
HSL	191°, 100%, 27%
HSV	191°, 100%, 55%
XYZ	10.8644, 14.1549, 26.9705
YIQ	83.4650, -76.5650, -16.6050

Conversions

Conversions Part 2

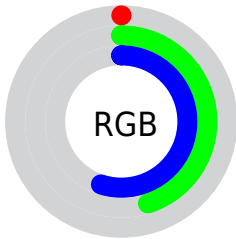
Format	Color
RYB	0, 63, 140
Decimal	29580
CIELab	44.45, -17.92, -21.37
CIELCh	44, 27.893, 230.020
Yxy	14.1549, 0.2090, 0.2723
Android (android.graphics.Color)	4278219660 (0xFF00738C)
YUV	83.4650, 27.8718, -73.1988
Hunter-Lab	37.6230, -14.2948, -16.1667

Details

The XYZ color **10.8644, 14.1549, 26.9705** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.1636, 6.2719, 0.6229**, and the grayscale version is **8.2745, 8.7055, 9.4802**.

A 20% lighter version of the original color is **27.0360, 33.3263, 56.0466**, and **3.8526, 4.7525, 10.3871** is the 20% darker color. If you saturate the color by 10%, you get **10.8640, 14.1542, 26.9707**, and if you desaturate by 10%, it is **11.3351, 14.8268, 27.0757**.

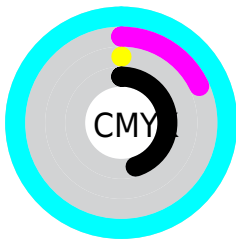
Distribution



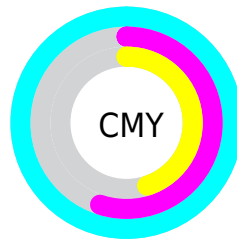
- Red (0%)
- Green (45%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8644, 14.1549, 26.9705 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 10.8644, 14.1549, 26.9705 by changing the saturation by 10% instead.

10.8644, 14.1549,
26.9705

10.8644, 14.1549,
26.9705

190.6624,
218.1923, 301.2699

6.0423, 8.2285,
17.3188

27.0443, 33.3636,
55.8397

2.9118, 4.2415,
10.2977

39.1329, 47.4147,
75.8943

1.1073, 1.8095,
5.4886

54.3744, 64.9428,
100.2536

0.0312, 0.4931,
2.4730

73.1341, 86.3323,
129.3362

0.0000, 0.0000,
0.8258

95.7774, 111.9676,
163.5606

0.0000, 0.0000,
0.0000

122.6696,

142.2332, 203.3453

154.1762,
177.5133, 249.1089

■ 10.8644, 14.1549,
26.9705

■ 10.8644, 14.1549,
26.9705

■ 10.8640, 14.1542,
26.9707

■ 11.3351, 14.8268,
27.0757

■ 11.9300, 15.5742,
27.1886

■ 12.7110, 16.4290,
27.3124

■ 13.7000, 17.4029,
27.4483

■ 14.9159, 18.5056,
27.5970

■ 16.3753, 19.7457,
27.7595

■ 18.0933, 21.1312,
27.9363

■ 20.0837, 22.6691,
28.1283

■ 22.3593, 24.3663,
28.3359

Harmonies

Analogous

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



9.7891, 14.1549, 20.0481



10.8644, 14.1549, 26.9705



12.7188, 14.1549, 31.0921

Triad

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



10.8644, 14.1549, 26.9705



18.1731, 14.1549, 17.6577



12.0283, 14.1549, 6.4648

Complementary

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



10.8644, 14.1549, 26.9705



11.1636, 6.2719, 0.6229

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.



14.2166, 14.1549, 6.1558



10.8644, 14.1549, 26.9705



17.9351, 14.1549, 11.5526

Square

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



10.8644, 14.1549, 26.9705



17.0433, 14.1549, 24.8077



16.4251, 14.1549, 7.7424



10.4074, 14.1549, 8.7508

Rectangle

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



10.8644, 14.1549, 26.9705



14.2196, 14.1549, 31.0898



16.4251, 14.1549, 7.7424



12.7160, 14.1549, 6.1566

Sweetspot

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



10.8649, 14.1554, 26.9709



31.6876, 37.0879, 49.2315



9.5367, 18.8198, 3.9593



7.0316, 8.3307, 11.3168



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



10.8649, 14.1554, 26.9709



19.0480, 24.7430, 47.5149



5.7379, 3.9015, 25.2619



5.0982, 5.5393, 6.4063



9.6659, 12.6022, 23.9687



0.0734, 0.1021, 0.1623

Inverse Universe

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



13.9102, 6.8139, 16.8021



24.4698, 11.9906, 29.3392



14.7599, 13.4645, 1.8217



5.1962, 5.1139, 6.1215



12.3657, 6.0564, 14.9621



0.0868, 0.0421, 0.1238

Previews

White Background



This preview shows how the XYZ color 10.8644, 14.1549, 26.9705 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 10.8644, 14.1549, 26.9705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

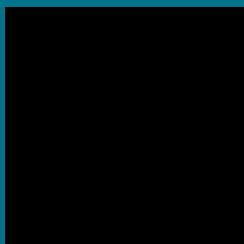
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8644, 14.1549, 26.9705

Background



This preview shows how black text looks on a background with the XYZ color 10.8644, 14.1549, 26.9705.

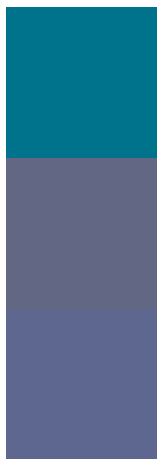


This preview shows how white text looks on a background with the XYZ color 10.8644, 14.1549,

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

10.8644, 14.1549, 26.9705

Protanopia

14.1522, 14.1632, 23.8177

Deuteranopia

14.4243, 14.0633, 27.9409



Tritanopia

10.1272, 14.2289, 21.9514

Trichromacy



Original Color

10.8644, 14.1549, 26.9705

Protanomaly

11.7223, 13.4985, 24.9093

Deuteranomaly

12.0037, 13.4290, 27.5506

Tritanomaly

10.3421, 14.1295, 23.6549

Monochromacy



Original Color

10.8644, 14.1549, 26.9705

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.0591, 9.9408, 14.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8644, 14.1549, 26.9705 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 140) }
```

Border

The CSS property to change the border of an element to XYZ 10.8644, 14.1549, 26.9705 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, 140) }
```


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

```
.border{ border-color:rgb(0, 115, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8644, 14.1549, 26.9705 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, 140) }
```

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

```
.background{ background-color: rgb(0, 115,  
140) }
```

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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