

Converting Colors

XYZ(28.0685, 29.9247, 46.9450)

Have a look what the booklet for
XYZ(28.0685, 29.9247, 46.9450)
contains.

XYZ(28.1054, 29.9771, 46.9527)	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(28.1054, 29.9771,
46.9527)**

Conversions

Conversions Part 1

Format	Color
Hex	8097B3
RGB	128, 151, 179
RGB Percent	50%, 59%, 70%
CMY	0.4980, 0.4078, 0.2980
CMYK	0.28, 0.16, 0.00, 0.30
HSL	213°, 25%, 60%
HSV	213°, 28%, 70%
XYZ	28.1054, 29.9771, 46.9527
YIQ	147.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

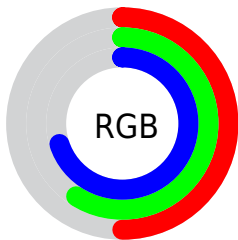
Format	Color
RYB	128, 144, 179
Decimal	8427443
CIELab	61.63, -1.52, -17.25
CIELCh	62, 17.314, 264.958
Yxy	29.9771, 0.2676, 0.2854
Android (android.graphics.Color)	4286617523 (0xFF8097B3)
YUV	147.3150, 15.6207, -16.9393
Hunter-Lab	54.7513, -4.1858, -12.5189

Details


The XYZ color **28.1054, 29.9771, 46.9527** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.3756, 34.9195, 25.3513**, and the grayscale version is **27.8084, 29.2566, 31.8604**.

A 20% lighter version of the original color is **56.1181, 59.6059, 87.1446**, and **11.3836, 12.1985, 21.4932** is the 20% darker color. If you saturate the color by 10%, you get **24.1308, 25.6780, 46.3329**, and if you desaturate by 10%, it is **32.6887, 34.7872, 47.6401**.

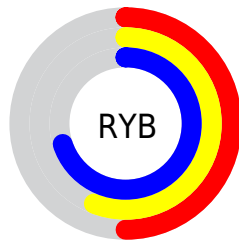
Distribution



 Red (50%)

 Green (59%)

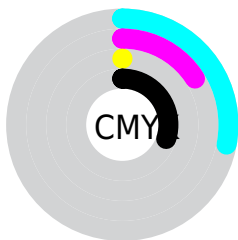
 Blue (70%)





 Red (50%)

 Yellow (56%)

 Blue (70%)

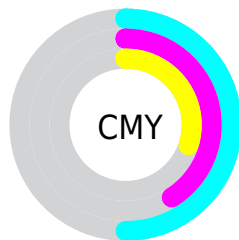



 Cyan (28%)


 Magenta (16%)

 Yellow (0%)

 Black (30%)



 Cyan (50%)

 Magenta (41%)

 Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1054, 29.9771, 46.9527 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 28.1054, 29.9771, 46.9527 by changing the saturation by 10% instead.

■ 28.1054, 29.9771,
46.9527

■ 28.1054, 29.9771,
46.9527

285.0412,
301.7977, 391.0140

■ 18.5460, 19.8212,
32.6442

■ 56.0601, 59.6260,
86.9923

■ 11.4447, 12.2651,
21.5851

■ 75.1862, 79.8877,
113.5604

■ 6.4363, 6.9245,
13.3570

■ 98.2318, 104.2869,
145.0521

■ 3.1553, 3.4149,
7.5412

125.5624,
133.2079, 181.8860

■ 1.2364, 1.3520,
3.7193

157.5432,
167.0350, 224.4806

■ 0.1348, 0.1809,
1.4726

194.5398,

■ 0.0000, 0.0000,

206.1528, 273.2544

0.1974

236.9173,
250.9456, 328.6261

0.0000, 0.0000,
0.0000

28.1054, 29.9771,
46.9527

28.1054, 29.9771,
46.9527

24.1308, 25.6780,
46.3329

32.6887, 34.7872,
47.6401

20.7339, 21.8669,
45.7763

37.9042, 40.1227,
48.3951

17.8851, 18.5245,
45.2813

43.7773, 46.0020,
49.2203

15.5508, 15.6282,
44.8453

50.3312, 52.4414,
50.1178

13.6931, 13.1531,
44.4655

57.5881, 59.4563,
51.0894

■ 12.2683, 11.0712,
44.1387

■ 65.5690, 67.0617,
52.1367

■ 11.2040, 9.3390,
43.8605

■ 74.2940, 75.2719,
53.2616

■ 11.0592, 9.0996,
43.8219

■ 77.5679, 80.8969,
54.1748

■ 80.3742, 86.5096,
55.1102

Harmonies

Analogous

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



26.0276, 29.9771, 44.1472



28.1054, 29.9771, 46.9527



30.3995, 29.9771, 45.5227

Triad

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



28.1054, 29.9771, 46.9527



32.6930, 29.9771, 27.5818



25.0226, 29.9771, 25.8941

Complementary

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



28.1054, 29.9771, 46.9527



34.3756, 34.9195, 25.3513

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.



26.6666, 29.9771, 22.4506



28.1054, 29.9771, 46.9527



31.1079, 29.9771, 23.3293

Square

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



28.1054, 29.9771, 46.9527



33.1288, 29.9771, 33.7659



28.8828, 29.9771, 21.5787



24.3099, 29.9771, 31.5394

Rectangle

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



28.1054, 29.9771, 46.9527



31.7330, 29.9771, 42.4483



28.8828, 29.9771, 21.5787



25.4802, 29.9771, 24.4724

Sweetspot

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



28.1063, 29.9783, 46.9534



67.2309, 71.1961, 86.5800



30.9561, 39.2033, 37.0347



14.5830, 15.4569, 19.1371



86.6293, 91.1408, 99.2523



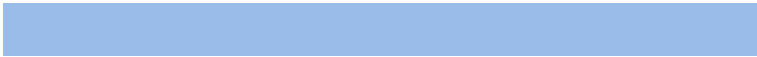
17.0014, 17.8868, 19.4787

Same Dimension

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



28.1063, 29.9783, 46.9534



45.8792, 48.8979, 83.4013



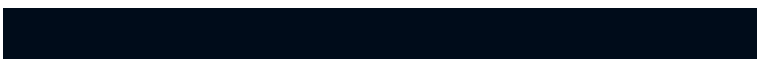
25.0166, 23.4160, 45.8496



8.3470, 8.8403, 10.7727



7.8781, 6.5566, 30.9873



0.3064, 0.3234, 0.9945

Inverse Universe

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



31.8963, 27.2573, 32.8595



53.8679, 43.6594, 53.5819



38.2169, 43.1817, 26.7436



8.6504, 8.5669, 9.6573



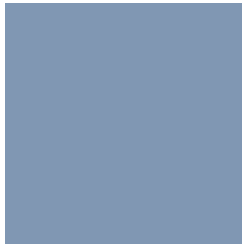
14.2112, 7.2020, 6.2719



0.4767, 0.2384, 0.3529

Previews

White Background



This preview shows how the XYZ color 28.1054, 29.9771, 46.9527 looks on a white background.

Color Contrast Check

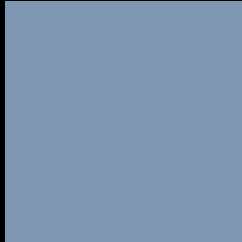
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1054, 29.9771, 46.9527 looks on a black 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 ✓ Pass

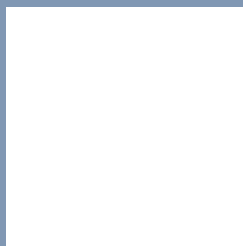
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1054, 29.9771, 46.9527

Background



This preview shows how black text looks on a background with the XYZ color 28.1054, 29.9771, 46.9527.



This preview shows how white text looks on a background with the XYZ color 28.1054, 29.9771,

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

28.1054, 29.9771, 46.9527

Protanopia

29.5979, 29.8417, 45.2743

Deuteranopia

30.3962, 29.7491, 47.3201



Tritanopia

26.7316, 29.8956, 40.4379

Trichromacy



Original Color

28.1054, 29.9771, 46.9527

Protanomaly

29.0069, 29.7574, 45.8099

Deuteranomaly

29.4872, 29.7382, 47.3659

Tritanomaly

27.1831, 29.8324, 42.8536

Monochromacy



Original Color

28.1054, 29.9771, 46.9527

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6631, 29.2585, 36.9903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1054, 29.9771, 46.9527 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(128, 151, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 179)  
}
```

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(128, 151, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.1054, 29.9771, 46.9527 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(128, 151, 179) }
```


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

```
.border{ border-color:rgb(128, 151, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1054, 29.9771, 46.9527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 179) }
```

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

```
.background{ background-color: rgb(128,  
151, 179) }
```

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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