

Converting Colors

XYZ(28.2902, 30.4562, 45.9271)

Have a look what the booklet for
XYZ(28.2902, 30.4562, 45.9271)
contains.

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Color

**XYZ(28.2173, 30.2979,
45.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	8198B1
RGB	129, 152, 177
RGB Percent	51%, 60%, 69%
CMY	0.4941, 0.4039, 0.3059
CMYK	0.27, 0.14, 0.00, 0.31
HSL	211°, 24%, 60%
HSV	211°, 27%, 69%
XYZ	28.2173, 30.2979, 45.9558
YIQ	147.9730, -21.7330, 2.8990

Conversions

Conversions Part 2

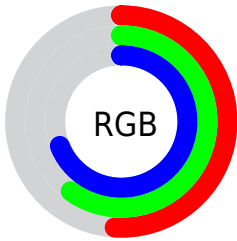
Format	Color
RYB	129, 145, 177
Decimal	8493233
CIELab	61.91, -2.27, -15.69
CIElCh	62, 15.858, 261.771
Yxy	30.2979, 0.2701, 0.2900
Android (android.graphics.Color)	4286683313 (0xFF8198B1)
YUV	147.9730, 14.3103, -16.6393
Hunter-Lab	55.0435, -4.8206, -10.9707

Details

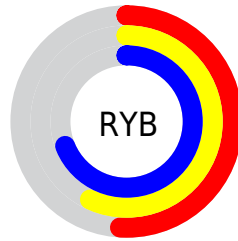
The XYZ color **28.2173, 30.2979, 45.9558** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.6499, 34.0436, 25.5672**, and the grayscale version is **28.0865, 29.5492, 32.1791**.

A 20% lighter version of the original color is **56.3077, 60.0931, 85.7222**, and **11.4337, 12.3823, 20.8562** is the 20% darker color. If you saturate the color by 10%, you get **24.3197, 26.1538, 45.3619**, and if you desaturate by 10%, it is **32.6988, 34.9171, 46.6117**.

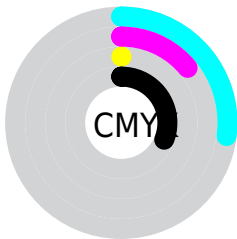
Distribution



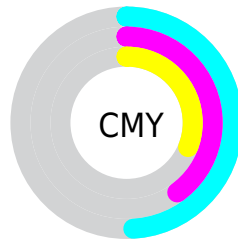
- Red (51%)
- Green (60%)
- Blue (69%)



- Red (51%)
- Yellow (57%)
- Blue (69%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2173, 30.2979, 45.9558 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 28.2173, 30.2979, 45.9558 by changing the saturation by 10% instead.

■ 28.2173, 30.2979,
45.9558

■ 28.2173, 30.2979,
45.9558

285.5651,
303.2906, 386.9033

■ 18.6308, 20.0648,
31.8625

■ 56.2374, 60.1330,
85.4864

■ 11.5062, 12.4422,
20.9926

■ 75.4017, 80.5037,
111.7609

■ 6.4782, 7.0456,
12.9274

■ 98.4894, 105.0225,
142.9328

■ 3.1814, 3.4906,
7.2484

125.8657,
134.0737, 179.4207

■ 1.2504, 1.3929,
3.5371

157.8961,
168.0418, 221.6432

■ 0.1456, 0.2115,
1.3750

194.9459,

■ 0.0000, 0.0000,

207.3110, 270.0188

0.1221

237.3804,
252.2658, 324.9660

■ 0.0000, 0.0000,
0.0000

■ 28.2173, 30.2979,
45.9558

■ 28.2173, 30.2979,
45.9558

■ 24.3197, 26.1538,
45.3619

■ 32.6988, 34.9171,
46.6117

■ 20.9766, 22.4636,
44.8258

■ 37.7862, 40.0243,
47.3294

■ 18.1600, 19.2096,
44.3461

■ 43.5038, 45.6365,
48.1113

■ 15.8381, 16.3710,
43.9206

■ 49.8736, 51.7685,
48.9591

■ 13.9755, 13.9254,
43.5467

■ 56.9166, 58.4346,
49.8746

■ 12.5311, 11.8470,
43.2217

■ 64.6526, 65.6485,
50.8593

■ 11.4465, 10.1008,
42.9418

■ 73.1008, 73.4231,
51.9147

■ 11.1701, 9.6427,
42.8679

■ 76.3042, 78.6909,
52.7626

■ 78.8750, 83.8326,
53.6196

Harmonies

Analogous

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



26.3459, 30.2979, 43.0444



28.2173, 30.2979, 45.9558



30.3370, 30.2979, 45.0721

Triad

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



28.2173, 30.2979, 45.9558



32.7543, 30.2979, 28.8429



25.7101, 30.2979, 26.2749

Complementary

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



28.2173, 30.2979, 45.9558



33.6499, 34.0436, 25.5672

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.



27.3105, 30.2979, 23.2854



28.2173, 30.2979, 45.9558



31.3961, 30.2979, 24.6363

Square

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



28.2173, 30.2979, 45.9558



33.0263, 30.2979, 34.6899



29.3851, 30.2979, 22.7247



24.9455, 30.2979, 31.3452

Rectangle

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



28.2173, 30.2979, 45.9558



31.6012, 30.2979, 42.4925



29.3851, 30.2979, 22.7247



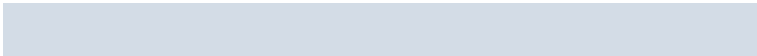
26.1643, 30.2979, 25.0204

Sweetspot

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



28.2182, 30.2991, 45.9565



66.6938, 70.7086, 84.6283



30.5922, 38.4384, 36.2923



14.1498, 15.0210, 18.2979



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2182, 30.2991, 45.9565



45.9203, 49.3836, 81.6070



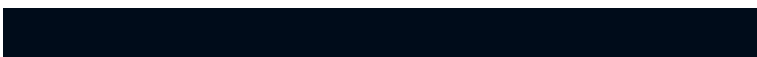
24.9621, 23.6057, 44.8362



8.3667, 8.8796, 10.7793



8.1532, 7.1067, 31.0790



0.3151, 0.3407, 0.9974

Inverse Universe

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



31.6500, 27.3154, 33.3113



53.2902, 43.4943, 54.3343



37.6349, 42.2832, 26.9476



8.6603, 8.5708, 9.7095



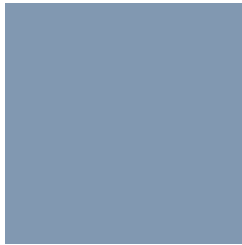
14.3500, 7.2576, 7.0030



0.4811, 0.2402, 0.3759

Previews

White Background



This preview shows how the XYZ color 28.2173, 30.2979, 45.9558 looks on a white background.

Color Contrast Check

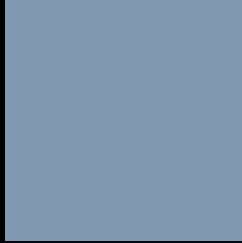
Large Text (above 18pt) WCAG AA × Fail

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 28.2173, 30.2979, 45.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

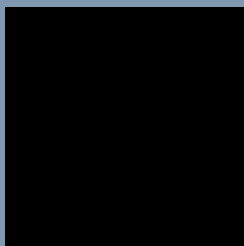
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2173, 30.2979, 45.9558

Background



This preview shows how black text looks on a background with the XYZ color 28.2173, 30.2979, 45.9558.



This preview shows how white text looks on a background with the XYZ color 28.2173, 30.2979,

45.9558.

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

28.2173, 30.2979, 45.9558

Protanopia

29.7315, 30.1651, 44.2998

Deuteranopia

30.8924, 30.2562, 46.3313



Tritanopia

27.1909, 30.3764, 40.5065

Trichromacy



Original Color

28.2173, 30.2979, 45.9558

Protanomaly

29.1328, 30.0790, 44.8278

Deuteranomaly

29.7811, 30.1449, 46.3684

Tritanomaly

27.5490, 30.2739, 42.4217

Monochromacy



Original Color

28.2173, 30.2979, 45.9558

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9900, 29.6608, 37.0508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2173, 30.2979, 45.9558 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(129, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 152, 177)  
}
```

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(129, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 152, 177) }
```

Border

The CSS property to change the border of an element to XYZ 28.2173, 30.2979, 45.9558 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(129, 152, 177) }
```


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

```
.border{ border-color:rgb(129, 152, 177) }
```

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

Here you see how a box with a 4 pixel rgb(129, 152, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 152, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 152, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 152,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2173, 30.2979, 45.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 152, 177) }
```

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

```
.background{ background-color: rgb(129,  
152, 177) }
```

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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