

Converting Colors

XYZ(27.1724, 29.3217, 45.4220)

Have a look what the booklet for
XYZ(27.1724, 29.3217, 45.4220)
contains.

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Color

**XYZ(27.2003, 29.3073,
45.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	7D96B0
RGB	125, 150, 176
RGB Percent	49%, 59%, 69%
CMY	0.5098, 0.4118, 0.3098
CMYK	0.29, 0.15, 0.00, 0.31
HSL	211°, 24%, 59%
HSV	211°, 29%, 69%
XYZ	27.2003, 29.3073, 45.2976
YIQ	145.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

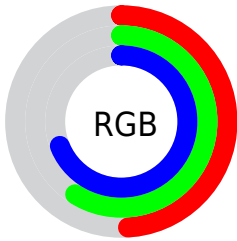
Format	Color
RYB	125, 142, 176
Decimal	8230576
CIELab	61.05, -2.63, -16.45
CIElCh	61, 16.663, 260.934
Yxy	29.3073, 0.2672, 0.2879
Android (android.graphics.Color)	4286420656 (0xFF7D96B0)
YUV	145.4890, 15.0419, -17.9689
Hunter-Lab	54.1362, -5.0525, -11.7146

Details

The XYZ color **27.2003, 29.3073, 45.2976** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.6732, 32.8443, 24.0204**, and the grayscale version is **27.0608, 28.4701, 31.0039**.

A 20% lighter version of the original color is **54.7488, 58.5956, 84.7685**, and **10.8610, 11.8096, 20.4459** is the 20% darker color. If you saturate the color by 10%, you get **23.4779, 25.3443, 44.7294**, and if you desaturate by 10%, it is **31.4894, 33.7266, 45.9250**.

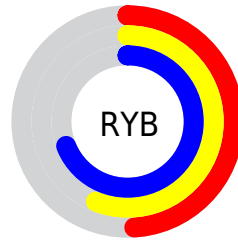
Distribution



Red (49%)

Green (59%)

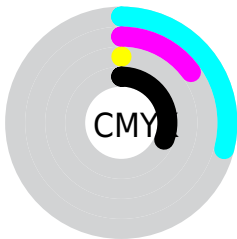
Blue (69%)



Red (49%)

Yellow (56%)

Blue (69%)

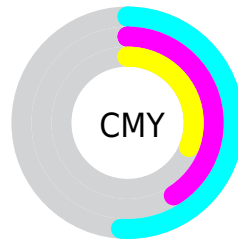


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2003, 29.3073, 45.2976 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 27.2003, 29.3073, 45.2976 by changing the saturation by 10% instead.

■ 27.2003, 29.3073,
45.2976

■ 27.2003, 29.3073,
45.2976

280.7755,
298.6621, 384.1727

■ 17.8611, 19.3134,
31.3472

■ 54.6227, 58.5650,
84.4900

■ 10.9494, 11.8970,
20.6027

■ 73.4367, 78.5975,
110.5691

■ 6.0998, 6.6736,
12.6455

■ 96.1395, 102.7451,
141.5282

■ 2.9471, 3.2588,
7.0571

123.0967,
131.3921, 177.7859

■ 1.1259, 1.2683,
3.4188

154.6735,
164.9229, 219.7606

■ 0.0466, 0.1164,
1.3123

191.2354,

■ 0.0000, 0.0000,

203.7219, 267.8710

0.0718

233.1476,
248.1735, 322.5355

■ 0.0000, 0.0000,
0.0000

■ 27.2003, 29.3073,
45.2976

■ 27.2003, 29.3073,
45.2976

■ 23.4779, 25.3443,
44.7294

■ 31.4894, 33.7266,
45.9250

■ 20.2931, 21.8169,
44.2164

■ 36.3672, 38.6149,
46.6115

■ 17.6179, 18.7076,
43.7572

■ 41.8577, 43.9888,
47.3594

■ 15.4207, 15.9962,
43.3496

■ 47.9826, 49.8626,
48.1703

■ 13.6657, 13.6602,
42.9912

■ 54.7626, 56.2504,
49.0459

■ 12.3115, 11.6740,
42.6793

■ 62.2175, 63.1653,
49.9877

■ 11.2834, 9.9948,
42.4093

■ 70.3660, 70.6202,
50.9972

■ 11.1867, 9.8350,
42.3836

■ 75.1395, 76.5205,
51.8845

■ 77.5832, 81.4079,
52.6991

Harmonies

Analogous

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



25.2961, 29.3073, 42.1711



27.2003, 29.3073, 45.2976



29.3808, 29.3073, 44.4907

Triad

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



27.2003, 29.3073, 45.2976



31.9580, 29.3073, 27.8098



24.7256, 29.3073, 24.9258

Complementary

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



27.2003, 29.3073, 45.2976



32.6732, 32.8443, 24.0204

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.



26.3844, 29.3073, 21.9582



27.2003, 29.3073, 45.2976



30.5824, 29.3073, 23.4661

Square

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



27.2003, 29.3073, 45.2976



32.2046, 29.3073, 33.8403



28.5216, 29.3073, 21.4612



23.9171, 29.3073, 30.0559

Rectangle

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



27.2003, 29.3073, 45.2976



30.6940, 29.3073, 41.8686



28.5216, 29.3073, 21.4612



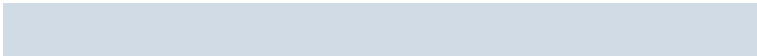
25.1980, 29.3073, 23.6718

Sweetspot

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



27.2012, 29.3085, 45.2983



65.7873, 69.8655, 84.5133



29.5289, 37.6294, 34.7733



13.9700, 14.8561, 18.2755



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.



27.2012, 29.3085, 45.2983



44.7406, 48.2940, 81.4589



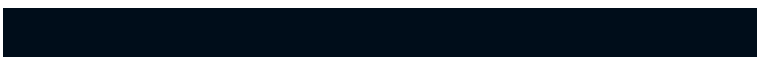
23.6283, 22.1626, 44.1073



8.3744, 8.8950, 10.7819



8.2661, 7.3326, 31.1167



0.3185, 0.3476, 0.9985

Inverse Universe

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



30.7439, 26.1002, 32.2729



52.3848, 41.9454, 53.2249



37.1321, 41.7620, 25.5067



8.6642, 8.5724, 9.7300



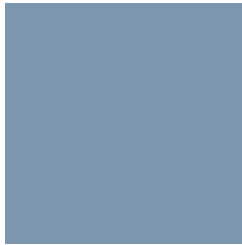
14.4070, 7.2804, 7.3033



0.4828, 0.2409, 0.3851

Previews

White Background



This preview shows how the XYZ color 27.2003, 29.3073, 45.2976 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 27.2003, 29.3073, 45.2976 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 × Fail

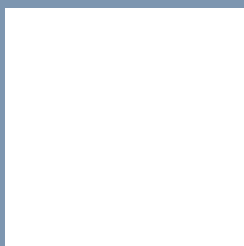
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2003, 29.3073, 45.2976

Background



This preview shows how black text looks on a background with the XYZ color 27.2003, 29.3073, 45.2976.



This preview shows how white text looks on a background with the XYZ color 27.2003, 29.3073,

45.2976.

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

27.2003, 29.3073, 45.2976

Protanopia

28.9770, 29.3257, 43.6683

Deuteranopia

29.7631, 29.2318, 45.6686



Tritanopia

25.9551, 29.2744, 39.4045

Trichromacy



Original Color

27.2003, 29.3073, 45.2976

Protanomaly

28.2270, 29.1577, 44.1847

Deuteranomaly

28.6959, 29.1354, 45.7062

Tritanomaly

26.3029, 29.1713, 41.2901

Monochromacy



Original Color

27.2003, 29.3073, 45.2976

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9157, 28.6710, 35.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2003, 29.3073, 45.2976 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(125, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 176)  
}
```

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(125, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.2003, 29.3073, 45.2976 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(125, 150, 176) }
```


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

```
.border{ border-color:rgb(125, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2003, 29.3073, 45.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 176) }
```

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

```
.background{ background-color: rgb(125,  
150, 176) }
```

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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