

Converting Colors

XYZ(23.2641, 27.6708, 29.5566)

Have a look what the booklet for
XYZ(23.2641, 27.6708, 29.5566)
contains.

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Color

**XYZ(23.2600, 27.6172,
29.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	76968E
RGB	118, 150, 142
RGB Percent	46%, 59%, 56%
CMY	0.5373, 0.4118, 0.4431
CMYK	0.21, 0.00, 0.05, 0.41
HSL	165°, 13%, 53%
HSV	165°, 21%, 59%
XYZ	23.2600, 27.6172, 29.6959
YIQ	139.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

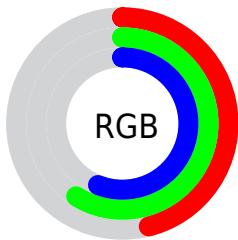
Format	Color
RYB	118, 136, 150
Decimal	7771790
CIELab	59.54, -12.86, 0.54
CIELCh	60, 12.873, 177.582
Yxy	27.6172, 0.2887, 0.3428
Android (android.graphics.Color)	4285961870 (0xFF76968E)
YUV	139.5200, 1.2226, -18.8730
Hunter-Lab	52.5521, -12.9605, 3.2831

Details

The XYZ color **23.2600, 27.6172, 29.6959** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8229, 20.9479, 22.5802**, and the grayscale version is **24.7418, 26.0303, 28.3470**.

A 20% lighter version of the original color is **48.3513, 55.8292, 60.4523**, and **8.8479, 10.9616, 11.7747** is the 20% darker color. If you saturate the color by 10%, you get **21.1061, 26.5395, 28.1501**, and if you desaturate by 10%, it is **25.7490, 28.8680, 31.3080**.

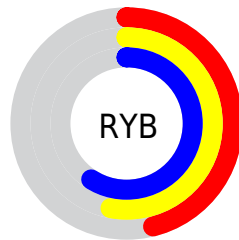
Distribution



Red (46%)

Green (59%)

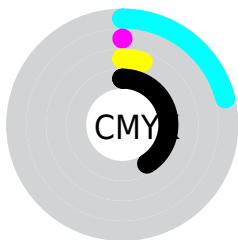
Blue (56%)



Red (46%)

Yellow (53%)

Blue (59%)

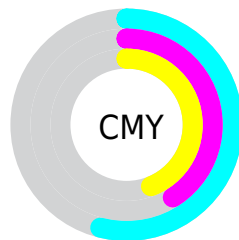


Cyan (21%)

Magenta (0%)

Yellow (5%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2600, 27.6172, 29.6959 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 23.2600, 27.6172, 29.6959 by changing the saturation by 10% instead.

■ 23.2600, 27.6172,
29.6959

■ 23.2600, 27.6172,
29.6959

261.5681,
290.6332, 314.6475

■ 14.9074, 18.0373,
19.3578

■ 48.2834, 55.8727,
60.2362

■ 8.8403, 10.9768,
11.7497

■ 65.6849, 75.3171,
81.2756

■ 4.6934, 6.0512,
6.4530

■ 86.8334, 98.8184,
106.7190

■ 2.1014, 2.8762,
3.0492

112.0942,
126.7611, 136.9852

■ 0.6900, 1.0675,
1.1198

141.8327,
159.5295, 172.4925

■ 0.0000, 0.0000,
0.0000

176.4143,

197.5081, 213.6597

216.2043,
241.0812, 260.9051

■ 23.2600, 27.6172,
29.6959

■ 23.2600, 27.6172,
29.6959

■ 21.1061, 26.5395,
28.1501

■ 25.7490, 28.8680,
31.3080

■ 19.2694, 25.6236,
26.6676

■ 28.5850, 30.2958,
32.9857

■ 17.7342, 24.8620,
25.2477

■ 31.7823, 31.9087,
34.7308

■ 16.4824, 24.2455,
23.8891

■ 35.3537, 33.7134,
36.5442

■ 15.4937, 23.7635,
22.5903

■ 39.3113, 35.7161,
38.4270

■ 14.7454, 23.4044,
21.3498

■ 43.6667, 37.9227,
40.3803

■ 14.2104, 23.1543,
20.1658

■ 48.4311, 40.3389,
42.4048

■ 13.8591, 22.9946,
19.1822

■ 53.6151, 42.9703,
44.5017

■ 59.2289, 45.8221,
46.6718

Harmonies

Analogous

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



23.7079, 27.6172, 25.5393



23.2600, 27.6172, 29.6959



23.5854, 27.6172, 34.3908

Triad

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



23.2600, 27.6172, 29.6959



27.7174, 27.6172, 38.6860



27.9540, 27.6172, 23.1541

Complementary

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



23.2600, 27.6172, 29.6959



22.8229, 20.9479, 22.5802

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.



29.1066, 27.6172, 26.1280



23.2600, 27.6172, 29.6959



28.9662, 27.6172, 35.1081

Square

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



23.2600, 27.6172, 29.6959



26.1182, 27.6172, 39.8876



29.4844, 27.6172, 30.4481



26.3809, 27.6172, 22.0128

Rectangle

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



23.2600, 27.6172, 29.6959



24.2048, 27.6172, 37.1449



29.4844, 27.6172, 30.4481



28.4059, 27.6172, 23.9566

Sweetspot

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



23.2608, 27.6183, 29.6965



47.9715, 52.2175, 56.7788



22.8602, 27.5981, 21.2620



10.5681, 11.5404, 12.5457



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.2608, 27.6183, 29.6965



39.0076, 47.7155, 50.9782



22.7296, 25.5596, 32.5910



5.9028, 6.5377, 7.0990



11.5072, 19.0757, 15.9782



0.1526, 0.2382, 0.2576

Inverse Universe

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



22.8229, 20.9479, 22.5802



38.0830, 33.6124, 35.9382



23.2414, 22.5784, 20.2730



5.8568, 5.8378, 6.3518



10.7267, 5.4957, 2.0416



0.1417, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 23.2600, 27.6172, 29.6959 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 23.2600, 27.6172, 29.6959 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 23.2600, 27.6172, 29.6959

Background



This preview shows how black text looks on a background with the XYZ color 23.2600, 27.6172, 29.6959.



This preview shows how white text looks on a background with the XYZ color 23.2600, 27.6172,

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

23.2600, 27.6172, 29.6959

Protanopia

26.2931, 27.3840, 27.9446

Deuteranopia

27.9770, 27.5468, 30.2281



Tritanopia

24.5769, 27.4356, 36.8011

Trichromacy



Original Color

23.2600, 27.6172, 29.6959

Protanomaly

24.9389, 27.3491, 28.3906

Deuteranomaly

25.9357, 27.3789, 29.9043

Tritanomaly

24.0854, 27.4728, 34.1703

Monochromacy



Original Color

23.2600, 27.6172, 29.6959

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2967, 26.7751, 29.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2600, 27.6172, 29.6959 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(118, 150, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 150, 142)  
}
```

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(118, 150, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 150, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.2600, 27.6172, 29.6959 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(118, 150, 142) }
```


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

```
.border{ border-color:rgb(118, 150, 142) }
```

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

Here you see how a box with a 4 pixel rgb(118, 150, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 150, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 150, 142);  
box-shadow:4px 4px 4px 4px rgb(118, 150,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2600, 27.6172, 29.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 150, 142) }
```

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

```
.background{ background-color: rgb(118,  
150, 142) }
```

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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