

Converting Colors

XYZ(26.3140, 28.8794, 57.1610)

Have a look what the booklet for
XYZ(26.3140, 28.8794, 57.1610)
contains.

XYZ(26.2902, 28.8171, 56.9999)	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(26.2902, 28.8171,
56.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	6397C5
RGB	99, 151, 197
RGB Percent	39%, 59%, 77%
CMY	0.6117, 0.4078, 0.2274
CMYK	0.50, 0.23, 0.00, 0.23
HSL	208°, 46%, 58%
HSV	208°, 50%, 77%
XYZ	26.2902, 28.8171, 56.9999
YIQ	140.6960, -45.7580, 3.2820

Conversions

Conversions Part 2

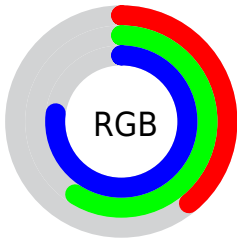
Format	Color
R _Y B	99, 133, 197
Decimal	6526917
CIE Lab	60.62, -4.48, -29.09
CIE LCh	61, 29.429, 261.244
Yxy	28.8171, 0.2345, 0.2570
Android (android.graphics.Color)	4284716997 (0xFF6397C5)
YUV	140.6960, 27.7579, -36.5674
Hunter-Lab	53.6816, -6.5235, -25.3779

Details

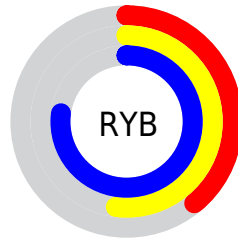
The XYZ color **26.2902, 28.8171, 56.9999** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.4042, 33.0228, 16.3134**, and the grayscale version is **25.1070, 26.4146, 28.7655**.

A 20% lighter version of the original color is **53.2383, 57.7870, 102.1140**, and **10.4295, 11.5689, 27.6699** is the 20% darker color. If you saturate the color by 10%, you get **22.9646, 24.9799, 56.4351**, and if you desaturate by 10%, it is **30.2594, 33.1605, 57.6296**.

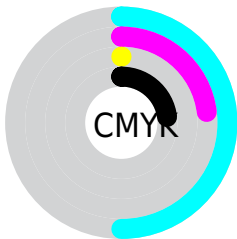
Distribution



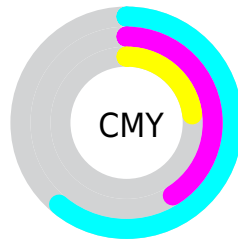
- Red (39%)
- Green (59%)
- Blue (77%)



- Red (39%)
- Yellow (52%)
- Blue (77%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (61%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2902, 28.8171, 56.9999 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 26.2902, 28.8171, 56.9999 by changing the saturation by 10% instead.

■ 26.2902, 28.8171,
56.9999

■ 26.2902, 28.8171,
56.9999

276.4344,
296.3510, 430.9427

■ 17.1747, 18.9425,
40.5958

■ 53.1707, 57.7864,
101.9654

■ 10.4552, 11.6287,
27.6861

■ 71.6664, 77.6498,
131.3638

■ 5.7664, 6.4914,
17.8522

■ 94.0196, 101.6117,
165.9308

■ 2.7428, 3.1461,
10.6756

■ 120.5955,
130.0564, 206.0849

■ 1.0193, 1.2085,
5.7377

151.7596,
163.3682, 252.2446

■ 0.0000, 0.0686,
2.6201

187.8772,

■ 0.0000, 0.0000,

201.9317, 304.8284

0.9028

229.3137,
246.1312, 364.2549

■ 0.0000, 0.0000,
0.0000

■ 26.2902, 28.8171,
56.9999

■ 26.2902, 28.8171,
56.9999

■ 22.9646, 24.9799,
56.4351

■ 30.2594, 33.1605,
57.6296

■ 20.2382, 21.6205,
55.9303

■ 34.9069, 38.0301,
58.3246

■ 18.0649, 18.7114,
55.4834

■ 40.2679, 43.4483,
59.0878

■ 16.3898, 16.2201,
55.0908

■ 46.3745, 49.4354,
59.9216

■ 15.1124, 14.0904,
54.7470

■ 53.2566, 56.0101,
60.8279

■ 15.0821, 14.0392,
54.7388

■ 60.9423, 63.1904,
61.8088

■ 69.4583, 70.9934,
62.8661

■ 78.2374, 79.1298,
63.9738

■ 80.8050, 84.2650,
64.8297

Harmonies

Analogous

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



23.0571, 28.8171, 50.7344



26.2902, 28.8171, 56.9999



30.1293, 28.8171, 55.2603

Triad

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



26.2902, 28.8171, 56.9999



34.7966, 28.8171, 24.3758



22.0676, 28.8171, 19.9954

Complementary

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



26.2902, 28.8171, 56.9999



35.4042, 33.0228, 16.3134

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.



24.8215, 28.8171, 15.6096



26.2902, 28.8171, 56.9999



32.2338, 28.8171, 17.7009

Square

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



26.2902, 28.8171, 56.9999



35.2824, 28.8171, 34.6787



28.5196, 28.8171, 14.8801



20.7718, 28.8171, 28.2917

Rectangle

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



26.2902, 28.8171, 56.9999



32.5060, 28.8171, 49.9326



28.5196, 28.8171, 14.8801



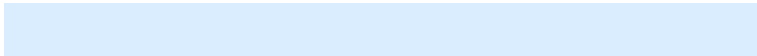
22.8407, 28.8171, 18.1033

Sweetspot

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



26.2912, 28.8182, 57.0006



76.8885, 82.5285, 106.4849



30.2029, 44.6219, 33.7024



15.9660, 17.1806, 22.7246



0.0000, 0.0000, 0.0000



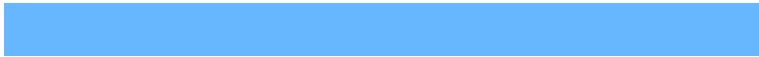
20.3446, 21.4041, 23.3091

Same Dimension

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



26.2912, 28.8182, 57.0006



40.5010, 43.9877, 100.9636



20.0022, 16.2401, 54.9043



10.5148, 11.2036, 13.5258



10.0044, 9.4027, 36.0320



0.5458, 0.5894, 1.7301

Inverse Universe

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



33.0745, 23.0293, 31.9811



54.5578, 34.1893, 48.6239



44.5112, 51.2368, 19.3491



10.8651, 10.7294, 12.2729



16.8491, 8.4892, 9.6811



0.8342, 0.4165, 0.6500

Previews

White Background



This preview shows how the XYZ color 26.2902, 28.8171, 56.9999 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 26.2902, 28.8171, 56.9999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

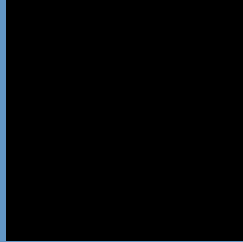
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2902, 28.8171, 56.9999

Background



This preview shows how black text looks on a background with the XYZ color 26.2902, 28.8171, 56.9999.

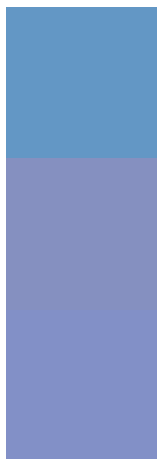


This preview shows how white text looks on a background with the XYZ color 26.2902, 28.8171,

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

26.2902, 28.8171, 56.9999

Protanopia

29.1606, 28.7388, 53.8794

Deuteranopia

29.4880, 28.8159, 58.0407



Tritanopia

23.2663, 28.8152, 41.8717

Trichromacy



Original Color

26.2902, 28.8171, 56.9999

Protanomaly

28.0565, 28.8274, 55.1245

Deuteranomaly

28.2345, 28.8666, 57.5098

Tritanomaly

24.2065, 28.6930, 46.9103

Monochromacy



Original Color

26.2902, 28.8171, 56.9999

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1626, 27.2596, 37.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2902, 28.8171, 56.9999 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(99, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(99, 151, 197)  
}
```

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(99, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 151, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.2902, 28.8171, 56.9999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

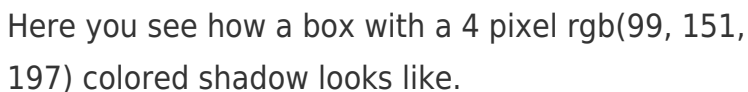
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 151, 197) }
```


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

```
.border{ border-color:rgb(99, 151, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 151, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 151, 197); box-shadow:4px 4px 4px 4px rgb(99, 151, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2902, 28.8171, 56.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 151, 197) }
```

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

```
.background{ background-color: rgb(99, 151,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor