

Converting Colors

XYZ(26.5949, 30.6296, 61.6381)

Have a look what the booklet for
XYZ(26.5949, 30.6296, 61.6381)
contains.

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Color

**XYZ(26.6056, 30.6072,
61.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	529ECC
RGB	82, 158, 204
RGB Percent	32%, 62%, 80%
CMY	0.6784, 0.3804, 0.2000
CMYK	0.60, 0.23, 0.00, 0.20
HSL	203°, 54%, 56%
HSV	203°, 60%, 80%
XYZ	26.6056, 30.6072, 61.6323
YIQ	140.5200, -60.0620, -1.8060

Conversions

Conversions Part 2

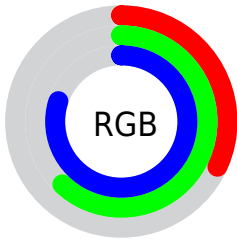
Format	Color
RYB	82, 129, 204
Decimal	5414604
CIELab	62.17, -9.88, -30.66
CIElCh	62, 32.212, 252.131
Yxy	30.6072, 0.2239, 0.2575
Android (android.graphics.Color)	4283604684 (0xFF529ECC)
YUV	140.5200, 31.2956, -51.3220
Hunter-Lab	55.3238, -10.9747, -27.3241

Details

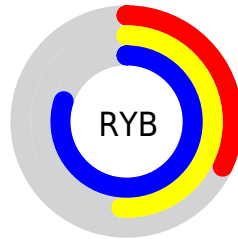
The XYZ color **26.6056, 30.6072, 61.6323** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **34.1451, 28.8863, 11.7598**, and the grayscale version is **25.0293, 26.3328, 28.6764**.

A 20% lighter version of the original color is **52.8288, 60.4712, 103.4955**, and **10.7627, 12.7174, 30.7416** is the 20% darker color. If you saturate the color by 10%, you get **23.8171, 27.2830, 61.1382**, and if you desaturate by 10%, it is **30.0055, 34.3696, 62.1799**.

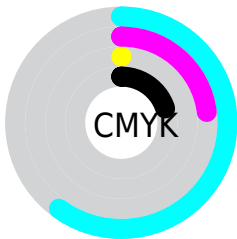
Distribution



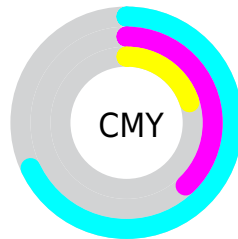
- Red (32%)
- Green (62%)
- Blue (80%)



- Red (32%)
- Yellow (51%)
- Blue (80%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6056, 30.6072, 61.6323 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 26.6056, 30.6072, 61.6323 by changing the saturation by 10% instead.

■ 26.6056, 30.6072,
61.6323

■ 26.6056, 30.6072,
61.6323

277.9449,
304.7246, 448.5592

■ 17.4123, 20.2999,
44.3018

■ 53.6747, 60.6211,
108.7604

■ 10.6260, 12.6133,
30.5689

■ 72.2812, 81.0965,
139.3950

■ 5.8814, 7.1628,
20.0151

■ 94.7561, 105.7301,
175.3014

■ 2.8131, 3.5641,
12.2218

■ 121.4649,
134.9063, 216.8981

■ 1.0557, 1.4329,
6.7706

152.7728,
169.0095, 264.6037

■ 0.0000, 0.2407,
3.2428

189.0452,

■ 0.0000, 0.0000,

208.4239, 318.8367

1.2199

230.6474,
253.5342, 380.0157

■ 0.0000, 0.0000,
0.0000

■ 26.6056, 30.6072,
61.6323

■ 26.6056, 30.6072,
61.6323

■ 23.8171, 27.2830,
61.1382

■ 30.0055, 34.3696,
62.1799

■ 21.5872, 24.3659,
60.6927

■ 34.0576, 38.5918,
62.7813

■ 19.8581, 21.8245,
60.2933

■ 38.8024, 43.2973,
63.4395

■ 18.5240, 19.6017,
59.9346

■ 44.2761, 48.5067,
64.1565

■ 18.4991, 19.5596,
59.9277

■ 50.5122, 54.2394,
64.9343

■ 57.5421, 60.5135,
65.7749

■ 65.3952, 67.3461,
66.6798

■ 74.0996, 74.7534,
67.6508

■ 79.6711, 80.6836,
68.5017

Harmonies

Analogous

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



23.3322, 30.6072, 52.0618



26.6056, 30.6072, 61.6323



30.8800, 30.6072, 62.5697

Triad

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



26.6056, 30.6072, 61.6323



38.0341, 30.6072, 28.5527



23.8457, 30.6072, 18.5612

Complementary

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



26.6056, 30.6072, 61.6323



34.1451, 28.8863, 11.7598

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.



27.3729, 30.6072, 14.9988



26.6056, 30.6072, 61.6323



35.7276, 30.6072, 19.7297

Square

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



26.6056, 30.6072, 61.6323



37.7762, 30.6072, 41.2084



31.7270, 30.6072, 15.3653



21.8512, 30.6072, 26.5189

Rectangle

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



26.6056, 30.6072, 61.6323



33.7580, 30.6072, 57.9315



31.7270, 30.6072, 15.3653



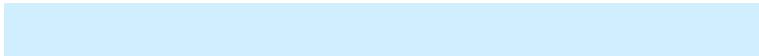
24.8757, 30.6072, 16.9107

Sweetspot

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



26.6066, 30.6083, 61.6330



74.8581, 81.7605, 106.4437



28.8870, 46.5058, 27.4431



15.4107, 16.9282, 22.7052



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.



26.6066, 30.6083, 61.6330



38.1891, 43.5970, 101.0100



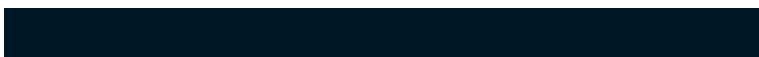
18.7726, 14.9401, 59.0217



11.1741, 11.9886, 14.2955



11.7355, 12.4950, 37.7495



0.6770, 0.7877, 1.9713

Inverse Universe

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



34.0916, 21.3417, 34.6713



52.3576, 29.3530, 49.2341



44.3520, 49.3001, 15.1621



11.5012, 11.3292, 13.1740



18.1344, 9.0644, 13.6926



0.9717, 0.4821, 0.8966

Previews

White Background



This preview shows how the XYZ color 26.6056, 30.6072, 61.6323 looks on a white background.

Color Contrast Check

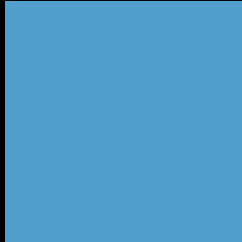
Large Text (above 18pt) WCAG AA × Fail

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 26.6056, 30.6072, 61.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

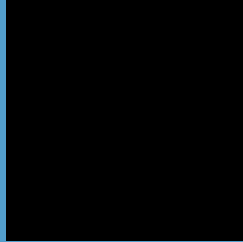
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6056, 30.6072, 61.6323

Background



This preview shows how black text looks on a background with the XYZ color 26.6056, 30.6072, 61.6323.

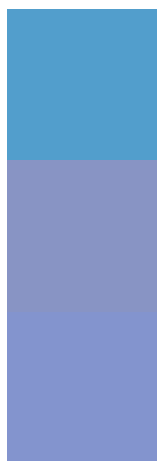


This preview shows how white text looks on a background with the XYZ color 26.6056, 30.6072,

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

26.6056, 30.6072, 61.6323

Protanopia

30.7071, 30.3996, 56.4738

Deuteranopia

31.0906, 30.4613, 62.6335



Tritanopia

23.4595, 30.6311, 45.7502

Trichromacy



Original Color

26.6056, 30.6072, 61.6323

Protanomaly

28.7395, 30.2930, 58.3652

Deuteranomaly

29.0577, 30.3750, 62.0891

Tritanomaly

24.4318, 30.4908, 51.0520

Monochromacy



Original Color

26.6056, 30.6072, 61.6323

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8803, 27.5408, 39.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6056, 30.6072, 61.6323 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(82, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 158, 204)  
}
```

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(82, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 158, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.6056, 30.6072, 61.6323 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(82, 158, 204) }
```


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

```
.border{ border-color:rgb(82, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 158,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6056, 30.6072, 61.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 158, 204) }
```

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

```
.background{ background-color: rgb(82, 158,  
204) }
```

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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