

Converting Colors

XYZ(26.2658, 28.7011, 65.6710)

Have a look what the booklet for
XYZ(26.2658, 28.7011, 65.6710)
contains.

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Color

**XYZ(26.2178, 28.5857,
65.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	5197D3
RGB	81, 151, 211
RGB Percent	32%, 59%, 83%
CMY	0.6823, 0.4078, 0.1725
CMYK	0.62, 0.28, 0.00, 0.17
HSL	208°, 60%, 57%
HSV	208°, 62%, 83%
XYZ	26.2178, 28.5857, 65.7638
YIQ	136.9100, -60.9800, 3.8200

Conversions

Conversions Part 2

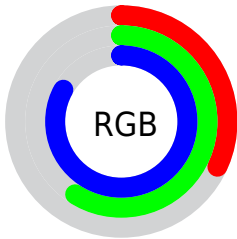
Format	Color
R_YB	81, 127, 211
Decimal	5347283
CIE Lab	60.41, -3.89, -37.31
CIE LCh	60, 37.513, 264.043
Yxy	28.5857, 0.2175, 0.2371
Android (android.graphics.Color)	4283537363 (0xFF5197D3)
YUV	136.9100, 36.5264, -49.0331
Hunter-Lab	53.4656, -6.0342, -35.5020

Details

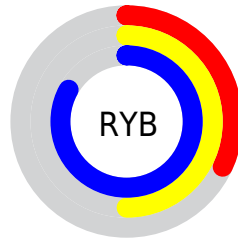
The XYZ color **26.2178, 28.5857, 65.7638** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **37.8753, 33.4945, 12.2547**, and the grayscale version is **23.6279, 24.8584, 27.0708**.

A 20% lighter version of the original color is **50.8658, 56.5454, 102.8412**, and **10.5579, 11.5146, 33.1186** is the 20% darker color. If you saturate the color by 10%, you get **23.1796, 24.7885, 65.1916**, and if you desaturate by 10%, it is **29.9492, 32.9334, 66.4069**.

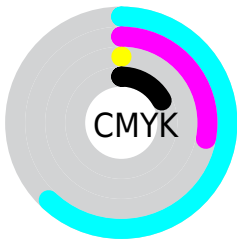
Distribution



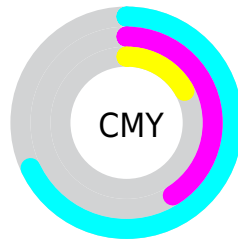
- Red (32%)
- Green (59%)
- Blue (83%)



- Red (32%)
- Yellow (50%)
- Blue (83%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)



- Cyan (68%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2178, 28.5857, 65.7638 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 26.2178, 28.5857, 65.7638 by changing the saturation by 10% instead.

■ 26.2178, 28.5857,
65.7638

■ 26.2178, 28.5857,
65.7638

276.0867,
295.2551, 463.9128

■ 17.1202, 18.7676,
47.6254

■ 53.0549, 57.4182,
114.7710

■ 10.4161, 11.5025,
33.1725

■ 71.5251, 77.2014,
146.4769

■ 5.7400, 6.4059,
21.9864

■ 93.8502, 101.0751,
183.5425

■ 2.7268, 3.0934,
13.6487

■ 120.3956,
129.4237, 226.3861

■ 1.0110, 1.1807,
7.7408

151.5265,
162.6317, 275.4264

■ 0.0000, 0.0459,
3.8441

187.6085,

■ 0.0000, 0.0000,

201.0833, 331.0819

1.5402

229.0068,
245.1630, 393.7712

■ 0.0000, 0.0000,
0.2476

■ 0.0000, 0.0000,
0.0000

■ 26.2178, 28.5857,
65.7638

■ 26.2178, 28.5857,
65.7638

■ 23.1796, 24.7885,
65.1916

■ 29.9492, 32.9334,
66.4069

■ 20.7743, 21.5046,
64.6845

■ 34.4208, 37.8590,
67.1220

■ 18.9353, 18.6955,
64.2392

■ 39.6786, 43.3909,
67.9126

■ 17.7318, 16.6508,
63.9080

■ 45.7640, 49.5545,
68.7816

■ 52.7150, 56.3737,
69.7314

■ 60.5673, 63.8706,
70.7646

■ 69.3545, 72.0665,
71.8835

■ 79.1082, 80.9815,
73.0901

■ 83.7623, 87.4919,
74.1015

Harmonies

Analogous

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



22.0753, 28.5857, 57.9872



26.2178, 28.5857, 65.7638



31.1304, 28.5857, 62.2658

Triad

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



26.2178, 28.5857, 65.7638



36.5601, 28.5857, 21.5008



20.3268, 28.5857, 17.9784

Complementary

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



26.2178, 28.5857, 65.7638



37.8753, 33.4945, 12.2547

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.



23.5603, 28.5857, 12.6111



26.2178, 28.5857, 65.7638



32.9934, 28.5857, 14.1830

Square

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



26.2178, 28.5857, 65.7638



37.4885, 28.5857, 33.9664



28.1447, 28.5857, 11.4634



18.9430, 28.5857, 28.4466

Rectangle

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



26.2178, 28.5857, 65.7638



34.1482, 28.5857, 54.4143



28.1447, 28.5857, 11.4634



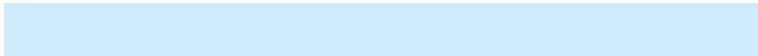
21.2136, 28.5857, 15.6586

Sweetspot

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



26.2188, 28.5867, 65.7645



73.7429, 79.5302, 106.0719



31.3855, 50.2174, 32.6584



15.1383, 16.3833, 22.6144



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.



26.2188, 28.5867, 65.7645



34.3022, 36.3591, 99.8178



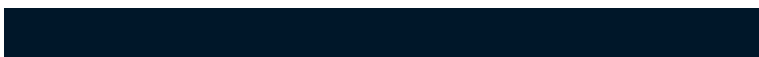
18.6012, 13.3515, 63.2253



11.6834, 12.4570, 15.0323



10.8047, 10.2559, 38.6026



0.6831, 0.7313, 2.1847

Inverse Universe

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



35.3932, 21.9693, 31.6541



50.2649, 28.0152, 39.7579



50.0619, 57.8676, 16.3169



12.0711, 11.9132, 13.6501



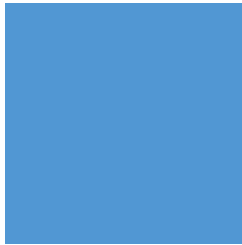
18.0844, 9.1066, 10.6167



1.0510, 0.5251, 0.8034

Previews

White Background



This preview shows how the XYZ color 26.2178, 28.5857, 65.7638 looks on a white background.

Color Contrast Check

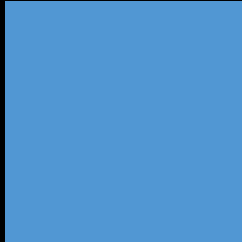
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2178, 28.5857, 65.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

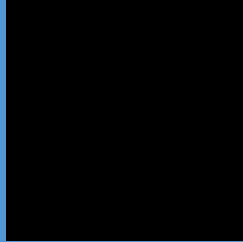
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2178, 28.5857, 65.7638

Background



This preview shows how black text looks on a background with the XYZ color 26.2178, 28.5857, 65.7638.

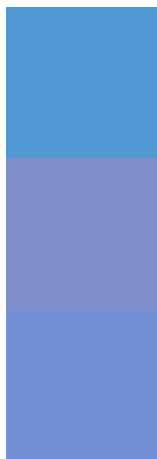


This preview shows how white text looks on a background with the XYZ color 26.2178, 28.5857,

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

26.2178, 28.5857, 65.7638

Protanopia

29.3257, 28.4402, 61.0706

Deuteranopia

29.1860, 28.4636, 66.9066



Tritanopia

21.7354, 28.7607, 42.9339

Trichromacy



Original Color

26.2178, 28.5857, 65.7638

Protanomaly

27.9718, 28.3778, 63.0347

Deuteranomaly

27.9109, 28.5045, 66.3182

Tritanomaly

23.2056, 28.5873, 50.7492

Monochromacy



Original Color

26.2178, 28.5857, 65.7638

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7100, 25.8082, 38.8538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2178, 28.5857, 65.7638 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(81, 151, 211)` looks like.

```
.text, #text, p{  
    color:rgb(81, 151, 211)  
}
```

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(81, 151, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 151, 211) }
```

Border

The CSS property to change the border of an element to XYZ 26.2178, 28.5857, 65.7638 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(81, 151, 211) }
```


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

```
.border{ border-color:rgb(81, 151, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 151, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 151, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 151, 211);  
box-shadow:4px 4px 4px 4px rgb(81, 151,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2178, 28.5857, 65.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 151, 211) }
```

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

```
.background{ background-color: rgb(81, 151,  
211) }
```

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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