

Converting Colors

XYZ(25.3612, 26.2157, 58.9818)

Have a look what the booklet for
XYZ(25.3612, 26.2157, 58.9818)
contains.

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Color

**XYZ(25.3612, 26.2157,
58.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	638EC9
RGB	99, 142, 201
RGB Percent	39%, 56%, 79%
CMY	0.6117, 0.4431, 0.2118
CMYK	0.51, 0.29, 0.00, 0.21
HSL	215°, 49%, 59%
HSV	215°, 51%, 79%
XYZ	25.3612, 26.2157, 58.9818
YIQ	135.8690, -44.5670, 9.2330

Conversions

Conversions Part 2

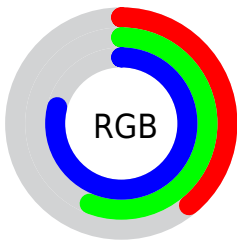
Format	Color
R _Y B	99, 129, 201
Decimal	6524617
CIE Lab	58.24, 1.89, -35.03
CIE LCh	58, 35.084, 273.087
Yxy	26.2157, 0.2294, 0.2371
Android (android.graphics.Color)	4284714697 (0xFF638EC9)
YUV	135.8690, 32.1096, -32.3341
Hunter-Lab	51.2013, -1.1869, -32.4588

Details

The XYZ color **25.3612, 26.2157, 58.9818** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.5674, 37.7734, 17.0638**, and the grayscale version is **23.2493, 24.4600, 26.6370**.

A 20% lighter version of the original color is **51.0827, 53.2188, 102.1876**, and **9.9687, 10.2120, 29.0495** is the 20% darker color. If you saturate the color by 10%, you get **21.7919, 21.9406, 58.3453**, and if you desaturate by 10%, it is **29.6593, 31.1353, 59.7054**.

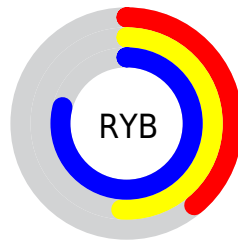
Distribution



Red (39%)

Green (56%)

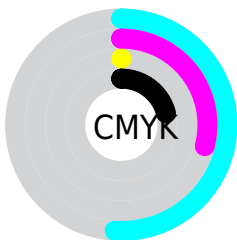
Blue (79%)



Red (39%)

Yellow (51%)

Blue (79%)

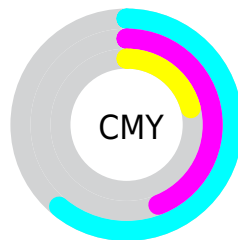


Cyan (51%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (61%)

Magenta (44%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3612, 26.2157, 58.9818 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 25.3612, 26.2157, 58.9818 by changing the saturation by 10% instead.

■ 25.3612, 26.2157,
58.9818

■ 25.3612, 26.2157,
58.9818

271.9466,
283.8393, 438.5345

■ 16.4765, 16.9851,
42.1786

■ 51.6813, 53.6227,
104.8801

■ 9.9550, 10.2239,
28.9145

■ 69.8474, 72.5679,
134.8122

■ 5.4311, 5.5476,
18.7711

■ 91.8380, 95.5201,
169.9577

■ 2.5397, 2.5720,
11.3299

■ 118.0186,
122.8636, 210.7350

■ 0.9153, 0.9126,
6.1722

148.7543,
154.9829, 257.5629

■ 0.0000, 0.0000,
2.8796

184.4107,

■ 0.0000, 0.0000,

192.2624, 310.8597

1.0335

225.3530,
235.0864, 371.0440

■ 0.0000, 0.0000,
0.0000

■ 25.3612, 26.2157,
58.9818

■ 25.3612, 26.2157,
58.9818

■ 21.7919, 21.9406,
58.3453

■ 29.6593, 31.1353,
59.7054

■ 18.9017, 18.2749,
57.7900

■ 34.7257, 36.7262,
60.5175

■ 16.6387, 15.1835,
57.3126

■ 40.6002, 43.0170,
61.4221

■ 14.9406, 12.6256,
56.9084

■ 47.3190, 50.0334,
62.4223

■ 13.7703, 10.6723,
56.5930

■ 54.9158, 57.7998,
63.5209

■ 63.4226, 66.3394,
64.7209

■ 72.8696, 75.6742,
66.0248

■ 81.4955, 84.9027,
67.3514

■ 84.9342, 91.7801,
68.4977

Harmonies

Analogous

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



21.3887, 26.2157, 55.0059



25.3612, 26.2157, 58.9818



29.6644, 26.2157, 53.0716

Triad

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



25.3612, 26.2157, 58.9818



32.4339, 26.2157, 17.5527



18.3005, 26.2157, 19.1839

Complementary

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



25.3612, 26.2157, 58.9818



38.5674, 37.7734, 17.0638

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.



20.7056, 26.2157, 13.0494



25.3612, 26.2157, 58.9818



28.8140, 26.2157, 12.3136

Square

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



25.3612, 26.2157, 58.9818



34.0295, 26.2157, 27.2990



24.4785, 26.2157, 10.9365



17.5968, 26.2157, 29.8272

Rectangle

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



25.3612, 26.2157, 58.9818



32.0612, 26.2157, 45.0894



24.4785, 26.2157, 10.9365



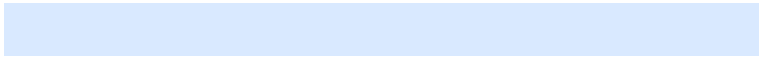
18.9221, 26.2157, 16.6407

Sweetspot

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



25.3621, 26.2166, 58.9824



75.6945, 80.1403, 106.0868



32.1019, 46.8542, 39.1618



15.6791, 16.6069, 22.6290



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.



25.3621, 26.2166, 58.9824



36.7043, 36.8169, 99.7796



20.9256, 16.1938, 57.2817



10.4180, 11.0101, 13.4936



8.7446, 6.8830, 35.6120



0.4854, 0.4686, 1.7100

Inverse Universe

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



33.4325, 23.2952, 28.3264



52.5383, 32.9867, 39.2066



45.4390, 54.1706, 19.8666



10.8163, 10.7099, 12.0158



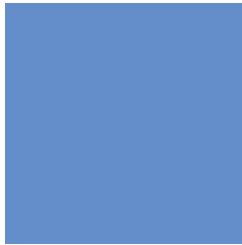
16.2132, 8.2348, 6.3325



0.8037, 0.4043, 0.4895

Previews

White Background



This preview shows how the XYZ color 25.3612, 26.2157, 58.9818 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 25.3612, 26.2157, 58.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

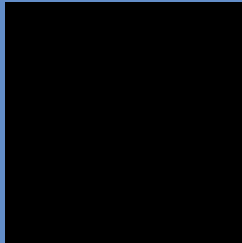
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3612, 26.2157, 58.9818

Background



This preview shows how black text looks on a background with the XYZ color 25.3612, 26.2157, 58.9818.

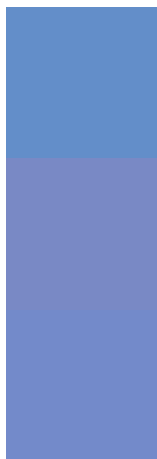


This preview shows how white text looks on a background with the XYZ color 25.3612, 26.2157,

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

25.3612, 26.2157, 58.9818

Protanopia

26.9089, 25.9875, 56.4212

Deuteranopia

26.8194, 26.0861, 59.4987



Tritanopia

21.2657, 26.3998, 38.1573

Trichromacy



Original Color

25.3612, 26.2157, 58.9818

Protanomaly

26.2357, 26.0532, 57.0721

Deuteranomaly

26.2000, 25.9807, 59.5110

Tritanomaly

22.5846, 26.2262, 44.9461

Monochromacy



Original Color

25.3612, 26.2157, 58.9818

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6020, 24.9260, 36.8249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3612, 26.2157, 58.9818 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, 142, 201)` looks like.

```
.text, #text, p{  
    color:rgb(99, 142, 201)  
}
```

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, 142, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 142, 201) }
```

Border

The CSS property to change the border of an element to XYZ 25.3612, 26.2157, 58.9818 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, 142, 201) }
```


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

```
.border{ border-color:rgb(99, 142, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 142, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 142, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 142, 201);  
box-shadow:4px 4px 4px 4px rgb(99, 142,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3612, 26.2157, 58.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 142, 201) }
```

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

```
.background{ background-color: rgb(99, 142,  
201) }
```

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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