

Converting Colors

XYZ(26.6029, 29.2481, 62.5372)

Have a look what the booklet for
XYZ(26.6029, 29.2481, 62.5372)
contains.

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Color

**XYZ(26.6516, 29.3625,
62.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	5999CE
RGB	89, 153, 206
RGB Percent	35%, 60%, 81%
CMY	0.6510, 0.4000, 0.1922
CMYK	0.57, 0.26, 0.00, 0.19
HSL	207°, 54%, 58%
HSV	207°, 57%, 81%
XYZ	26.6516, 29.3625, 62.6554
YIQ	139.9060, -55.1570, 2.9150

Conversions

Conversions Part 2

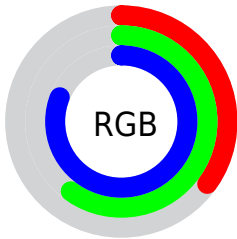
Format	Color
R _Y B	89, 130, 206
Decimal	5872078
CIE Lab	61.10, -5.06, -33.42
CIE LCh	61, 33.803, 261.383
Yxy	29.3625, 0.2246, 0.2474
Android (android.graphics.Color)	4284062158 (0xFF5999CE)
YUV	139.9060, 32.5843, -44.6446
Hunter-Lab	54.1872, -7.0335, -30.6247

Details

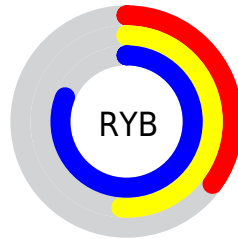
The XYZ color **26.6516, 29.3625, 62.6554** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.9309, 33.1906, 13.9124**, and the grayscale version is **24.7846, 26.0753, 28.3961**.

A 20% lighter version of the original color is **52.3954, 58.0487, 103.0507**, and **10.5867, 11.8657, 31.0105** is the 20% darker color. If you saturate the color by 10%, you get **23.4764, 25.5466, 62.0868**, and if you desaturate by 10%, it is **30.5014, 33.7045, 63.2912**.

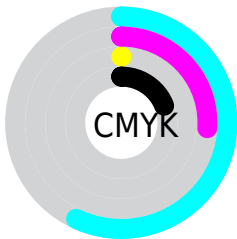
Distribution



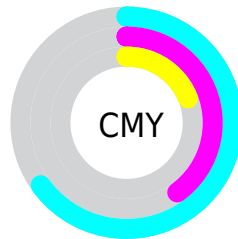
- Red (35%)
- Green (60%)
- Blue (81%)



- Red (35%)
- Yellow (51%)
- Blue (81%)



- Cyan (57%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6516, 29.3625, 62.6554 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 26.6516, 29.3625, 62.6554 by changing the saturation by 10% instead.

■ 26.6516, 29.3625,
62.6554

■ 26.6516, 29.3625,
62.6554

278.1647,
298.9215, 452.3913

■ 17.4470, 19.3552,
45.1233

■ 53.7481, 58.6525,
110.2530

■ 10.6510, 11.9272,
31.2109

■ 72.3707, 78.7041,
141.1555

■ 5.8982, 6.6941,
20.4997

■ 94.8634, 102.8725,
177.3519

■ 2.8233, 3.2716,
12.5711

■ 121.5914,
131.5422, 219.2608

■ 1.0610, 1.2751,
7.0066

152.9202,
165.0975, 267.3006

■ 0.0000, 0.1218,
3.3877

189.2151,

■ 0.0000, 0.0000,

203.9229, 321.8899

1.2959

230.8415,
248.4028, 383.4473

■ 0.0000, 0.0000,
0.0584

■ 0.0000, 0.0000,
0.0000

■ 26.6516, 29.3625,
62.6554

■ 26.6516, 29.3625,
62.6554

■ 23.4764, 25.5466,
62.0868

■ 30.5014, 33.7045,
63.2912

■ 20.9224, 22.2238,
61.5800

■ 35.0672, 38.5964,
63.9947

■ 18.9326, 19.3610,
61.1323

■ 40.3906, 44.0638,
64.7695

■ 17.4313, 16.9148,
60.7393

■ 46.5087, 50.1296,
65.6178

■ 17.0105, 16.1958,
60.6227

■ 53.4563, 56.8153,
66.5421

■ 61.2659, 64.1411,
67.5445

■ 69.9681, 72.1261,
68.6272

■ 79.5919, 80.7887,
69.7920

■ 82.6616, 86.2780,
70.6897

Harmonies

Analogous

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



22.9235, 29.3625, 55.0639



26.6516, 29.3625, 62.6554



31.1297, 29.3625, 60.4829

Triad

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



26.6516, 29.3625, 62.6554



36.6127, 29.3625, 23.8774



21.7691, 29.3625, 19.0371

Complementary

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



26.6516, 29.3625, 62.6554



36.9309, 33.1906, 13.9124

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.



24.9169, 29.3625, 14.2134



26.6516, 29.3625, 62.6554



33.5676, 29.3625, 16.4500

Square

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



26.6516, 29.3625, 62.6554



37.2032, 29.3625, 35.7659



29.2036, 29.3625, 13.4114



20.3067, 29.3625, 28.4541

Rectangle

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



26.6516, 29.3625, 62.6554



33.9251, 29.3625, 53.9836



29.2036, 29.3625, 13.4114



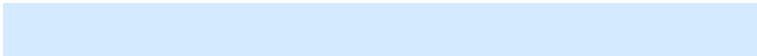
22.6484, 29.3625, 16.9407

Sweetspot

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



26.6526, 29.3636, 62.6561



74.9128, 80.7895, 106.2534



31.0484, 48.2098, 33.1240



15.5824, 16.8491, 22.6809



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.



26.6526, 29.3636, 62.6561



37.1087, 40.2234, 100.4158



19.3402, 14.7388, 60.2187



11.1018, 11.8440, 14.2714



10.5726, 10.1691, 37.3619



0.6206, 0.6751, 1.9525

Inverse Universe

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



34.7766, 22.5676, 32.6610



52.1083, 30.3869, 44.4269



47.9466, 55.2219, 17.5843



11.4647, 11.3146, 12.9819



17.5474, 8.8296, 10.6014



0.9432, 0.4707, 0.7469

Previews

White Background



This preview shows how the XYZ color 26.6516, 29.3625, 62.6554 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 26.6516, 29.3625, 62.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

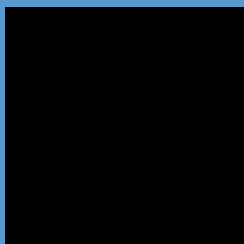
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

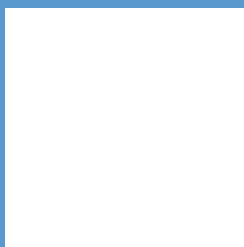
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6516, 29.3625, 62.6554

Background



This preview shows how black text looks on a background with the XYZ color 26.6516, 29.3625, 62.6554.

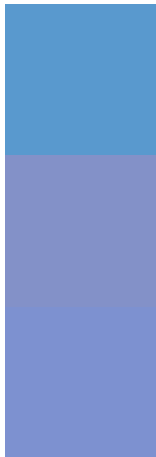


This preview shows how white text looks on a background with the XYZ color 26.6516, 29.3625,

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

26.6516, 29.3625, 62.6554

Protanopia

29.9108, 29.2462, 58.7122

Deuteranopia

29.9680, 29.1648, 63.7244



Tritanopia

22.8250, 29.3113, 43.4844

Trichromacy



Original Color

26.6516, 29.3625, 62.6554

Protanomaly

28.4530, 29.1571, 60.0054

Deuteranomaly

28.5345, 29.1295, 63.1501

Tritanomaly

24.1020, 29.3240, 49.7372

Monochromacy



Original Color

26.6516, 29.3625, 62.6554

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7114, 26.9961, 39.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6516, 29.3625, 62.6554 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(89, 153, 206)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 206)  
}
```

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(89, 153, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 206) }
```

Border

The CSS property to change the border of an element to XYZ 26.6516, 29.3625, 62.6554 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(89, 153, 206) }
```


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

```
.border{ border-color:rgb(89, 153, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 206);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6516, 29.3625, 62.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 206) }
```

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

```
.background{ background-color: rgb(89, 153,  
206) }
```

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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