

Converting Colors

XYZ(26.6795, 28.7339, 62.3633)

Have a look what the booklet for
XYZ(26.6795, 28.7339, 62.3633)
contains.

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Color

**XYZ(26.6630, 28.6486,
62.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	5E96CE
RGB	94, 150, 206
RGB Percent	37%, 59%, 81%
CMY	0.6314, 0.4118, 0.1922
CMYK	0.54, 0.27, 0.00, 0.19
HSL	210°, 53%, 59%
HSV	210°, 54%, 81%
XYZ	26.6630, 28.6486, 62.5170
YIQ	139.6400, -51.3520, 5.5440

Conversions

Conversions Part 2

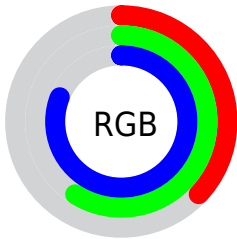
Format	Color
R_{YB}	94, 131, 206
Decimal	6198990
CIE _{Lab}	60.47, -2.30, -34.38
CIE _{LCh}	60, 34.462, 266.169
Yxy	28.6486, 0.2263, 0.2431
Android (android.graphics.Color)	4284389070 (0xFF5E96CE)
YUV	139.6400, 32.7155, -40.0263
Hunter-Lab	53.5244, -4.7485, -31.7842

Details

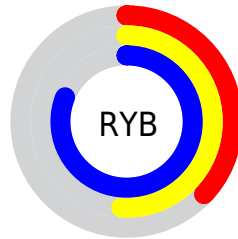
The XYZ color **26.6630, 28.6486, 62.5170** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **38.3814, 35.7441, 15.4673**, and the grayscale version is **24.6802, 25.9655, 28.2764**.

A 20% lighter version of the original color is **52.4054, 56.9850, 102.8449**, and **10.5832, 11.4341, 30.9274** is the 20% darker color. If you saturate the color by 10%, you get **23.2537, 24.5578, 61.9076**, and if you desaturate by 10%, it is **30.7824, 33.3210, 63.2023**.

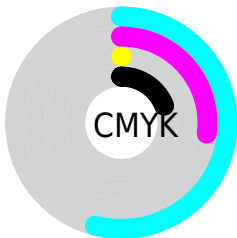
Distribution



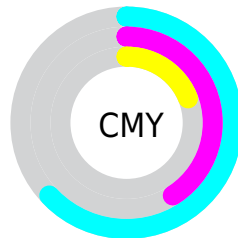
- Red (37%)
- Green (59%)
- Blue (81%)



- Red (37%)
- Yellow (51%)
- Blue (81%)



- Cyan (54%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6630, 28.6486, 62.5170 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 26.6630, 28.6486, 62.5170 by changing the saturation by 10% instead.

■ 26.6630, 28.6486,
62.5170

■ 26.6630, 28.6486,
62.5170

278.2191,
295.5533, 451.8741

■ 17.4556, 18.8152,
45.0121

■ 53.7663, 57.5183,
110.0512

■ 10.6571, 11.5368,
31.1239

■ 72.3929, 77.3234,
140.9176

■ 5.9024, 6.4291,
20.4340

■ 94.8900, 101.2211,
177.0749

■ 2.8259, 3.1077,
12.5237

■ 121.6228,
129.5958, 218.9417

■ 1.0624, 1.1882,
6.9745

152.9568,
162.8321, 266.9364

■ 0.0000, 0.0521,
3.3680

189.2572,

■ 0.0000, 0.0000,

201.3141, 321.4777

1.2855

230.8896,
245.4264, 382.9841

■ 0.0000, 0.0000,
0.0498

■ 0.0000, 0.0000,
0.0000

■ 26.6630, 28.6486,
62.5170

■ 26.6630, 28.6486,
62.5170

■ 23.2537, 24.5578,
61.9076

■ 30.7824, 33.3210,
63.2023

■ 20.5019, 21.0145,
61.3687

■ 35.6534, 38.6001,
63.9645

■ 18.3517, 17.9845,
60.8972

■ 41.3175, 44.5130,
64.8073

■ 16.7343, 15.4266,
60.4887

■ 47.8121, 51.0839,
65.7333

■ 15.9908, 14.1566,
60.2828

■ 55.1723, 58.3356,
66.7451

■ 63.4307, 66.2897,
67.8451

■ 72.6185, 74.9667,
69.0357

■ 81.3511, 83.6571,
70.2529

■ 84.3428, 89.6404,
71.2501

Harmonies

Analogous

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



22.7461, 28.6486, 56.2430



26.6630, 28.6486, 62.5170



31.1727, 28.6486, 58.6988

Triad

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



26.6630, 28.6486, 62.5170



35.6367, 28.6486, 21.6017



20.7333, 28.6486, 19.4611

Complementary

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



26.6630, 28.6486, 62.5170



38.3814, 35.7441, 15.4673

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.



23.6340, 28.6486, 13.9878



26.6630, 28.6486, 62.5170



32.2668, 28.6486, 14.9672

Square

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



26.6630, 28.6486, 62.5170



36.6712, 28.6486, 32.8563



27.8042, 28.6486, 12.5996



19.5660, 28.6486, 29.5876

Rectangle

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



26.6630, 28.6486, 62.5170



33.8672, 28.6486, 51.3841



27.8042, 28.6486, 12.5996



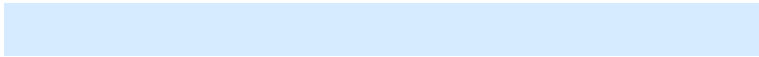
21.5215, 28.6486, 17.1354

Sweetspot

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



26.6640, 28.6496, 62.5177



75.4338, 80.7340, 106.2152



32.1934, 48.7251, 36.5636



15.6636, 16.7952, 22.6662



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.



26.6640, 28.6496, 62.5177



36.9700, 38.9084, 100.1693



19.7605, 14.8425, 60.2165



11.0574, 11.7552, 14.2566



9.9436, 8.9112, 37.1522



0.5889, 0.6115, 1.9419

Inverse Universe

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



34.9622, 23.3303, 31.5156



52.2915, 31.4298, 42.4026



49.5460, 58.0733, 19.1888



11.4423, 11.3057, 12.8639



17.2300, 8.7026, 8.9297



0.9272, 0.4643, 0.6624

Previews

White Background



This preview shows how the XYZ color 26.6630, 28.6486, 62.5170 looks on a white background.

Color Contrast Check

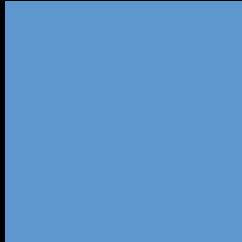
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6630, 28.6486, 62.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

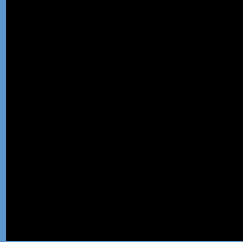
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6630, 28.6486, 62.5170

Background



This preview shows how black text looks on a background with the XYZ color 26.6630, 28.6486, 62.5170.

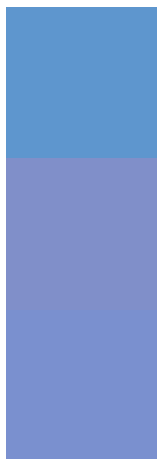


This preview shows how white text looks on a background with the XYZ color 26.6630, 28.6486,

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

26.6630, 28.6486, 62.5170

Protanopia

29.2672, 28.4512, 59.2074

Deuteranopia

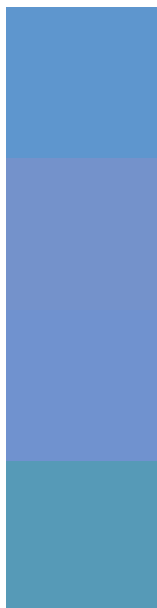
29.2618, 28.5891, 63.0075



Tritanopia

22.7060, 28.7656, 42.3858

Trichromacy



Original Color

26.6630, 28.6486, 62.5170

Protanomaly

28.2608, 28.5826, 60.5274

Deuteranomaly

28.2235, 28.5075, 63.0464

Tritanomaly

23.9406, 28.5085, 49.0406

Monochromacy



Original Color

26.6630, 28.6486, 62.5170

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8425, 26.8378, 38.9928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6630, 28.6486, 62.5170 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(94, 150, 206)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 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(94, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 206) }
```

Border

The CSS property to change the border of an element to XYZ 26.6630, 28.6486, 62.5170 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(94, 150, 206) }
```


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

```
.border{ border-color:rgb(94, 150, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6630, 28.6486, 62.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 206) }
```

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

```
.background{ background-color: rgb(94, 150,  
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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