

Converting Colors

XYZ(25.1737, 28.9699, 51.8422)

Have a look what the booklet for
XYZ(25.1737, 28.9699, 51.8422)
contains.

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Color

**XYZ(25.2488, 29.1217,
51.8673)**

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | 5E9ABC |
| RGB | 94, 154, 188 |
| RGB Percent | 37%, 60%, 74% |
| CMY | 0.6314, 0.3961, 0.2627 |
| CMYK | 0.50, 0.18, 0.00, 0.26 |
| HSL | 202°, 41%, 55% |
| HSV | 202°, 50%, 74% |
| XYZ | 25.2488, 29.1217, 51.8673 |
| YIQ | 139.9360, -46.6740, -2.1460 |

Conversions

Conversions Part 2

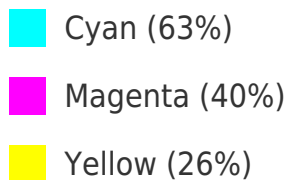
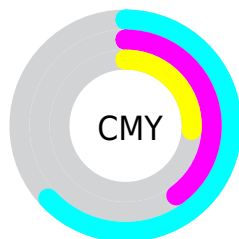
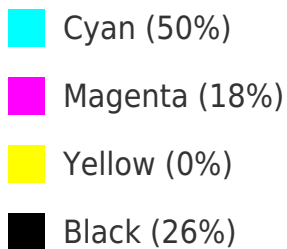
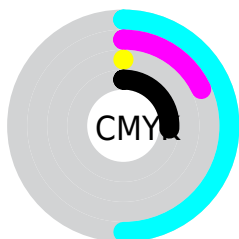
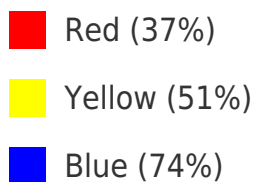
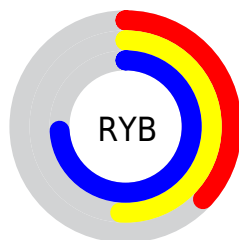
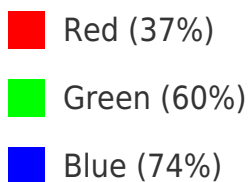
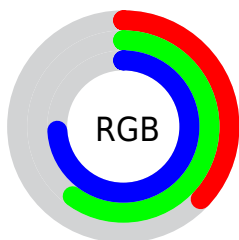
| Format | Color |
|-------------------------------------|---|
| RYB | 94, 131, 188 |
| Decimal | 6199996 |
| CIELab | 60.89, -10.00, -23.63 |
| CIELCh | 61, 25.659, 247.065 |
| Yxy | 29.1217, 0.2377, 0.2741 |
| Android (android.graphics.Color) | 4284390076 (0xFF5E9ABC) |
| YUV | 139.9360, 23.6956, -40.2859 |
| Hunter-Lab | 53.9645, -10.9217, -19.2106 |

Details

The XYZ color **25.2488, 29.1217, 51.8673** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.4795, 26.9389, 14.1840**, and the grayscale version is **24.8272, 26.1201, 28.4448**.

A 20% lighter version of the original color is **51.2794, 58.0330, 94.0867**, and **9.9166, 11.8071, 24.6780** is the 20% darker color. If you saturate the color by 10%, you get **22.4601, 26.0654, 51.4249**, and if you desaturate by 10%, it is **28.5725, 32.5494, 52.3543**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2488, 29.1217, 51.8673 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 25.2488, 29.1217, 51.8673 by changing the saturation by 10% instead.


 25.2488, 29.1217,
51.8673


 25.2488, 29.1217,
51.8673


271.3996,
297.7887, 410.8665


 16.3922, 19.1729,
36.5178


 51.5006, 58.2704,
94.3601


 9.8947, 11.7953,
24.5415


 69.6265, 78.2391,
122.3405

 5.3910, 6.6044,
15.5199


 91.5728, 102.3165,
155.3682

 2.5155, 3.2160,
9.0344

 117.7051,
130.8871, 193.8619

 0.9031, 1.2455,
4.6665

148.3885,
164.3352, 238.2400

 0.0000, 0.0984,
1.9977


183.9885,


 0.0000, 0.0000,


203.0453, 288.9211


0.5538


224.8704,
247.4016, 346.3237


 0.0000, 0.0000,
0.0000


 25.2488, 29.1217,
51.8673


 25.2488, 29.1217,
51.8673


 22.4601, 26.0654,
51.4249


 28.5725, 32.5494,
52.3543


 20.1678, 23.3573,
51.0230


 32.4606, 36.3633,
52.8855


 18.3323, 20.9759,
50.6601

 36.9434, 40.5812,
53.4634

 16.9058, 18.8951,
50.3336

 42.0485, 45.2187,
54.0894

 15.7940, 17.0644,
50.0389

 47.8012, 50.2904,
54.7652

■ 15.7938, 17.0640,
50.0388

■ 54.2258, 55.8100,
55.4919

■ 61.3449, 61.7906,
56.2711

■ 69.1804, 68.2448,
57.1039

■ 74.6693, 73.5950,
57.8473

Harmonies

Analogous

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



22.8597, 29.1217, 44.1508



25.2488, 29.1217, 51.8673



28.4775, 29.1217, 53.7155

Triad

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



25.2488, 29.1217, 51.8673



34.5622, 29.1217, 29.4976



23.9825, 29.1217, 19.1689

Complementary

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



25.2488, 29.1217, 51.8673



30.4795, 26.9389, 14.1840

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.



26.8961, 29.1217, 16.7214



25.2488, 29.1217, 51.8673



33.1328, 29.1217, 21.8556

Square

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



25.2488, 29.1217, 51.8673



34.0322, 29.1217, 39.4385



30.2610, 29.1217, 17.5950



22.1707, 29.1217, 25.0611

Rectangle

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



25.2488, 29.1217, 51.8673



30.7087, 29.1217, 51.0928



30.2610, 29.1217, 17.5950



24.8560, 29.1217, 17.9763

Sweetspot

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



25.2498, 29.1228, 51.8680



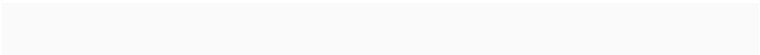
71.2070, 77.4443, 97.4214



26.4245, 39.8766, 26.3499



14.9001, 16.2775, 20.8991



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2498, 29.1228, 51.8680



40.2573, 46.7286, 93.1239



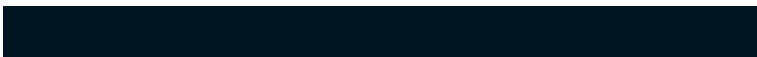
19.0673, 16.7579, 49.8072



9.5105, 10.2132, 12.1423



10.8256, 11.7629, 34.0928



0.4841, 0.5808, 1.3554

Inverse Universe

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



30.5753, 21.0309, 33.0208



51.4249, 31.8882, 53.1243



37.8769, 41.7338, 16.6498



9.7795, 9.6361, 11.2279



16.4650, 8.2172, 13.0084



0.6752, 0.3340, 0.6691

Previews

White Background



This preview shows how the XYZ color 25.2488, 29.1217, 51.8673 looks on a white background.

Color Contrast Check

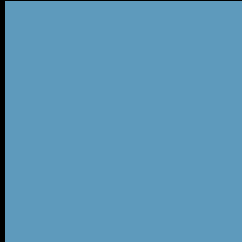
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2488, 29.1217, 51.8673 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 25.2488, 29.1217, 51.8673

Background



This preview shows how black text looks on a background with the XYZ color 25.2488, 29.1217, 51.8673.

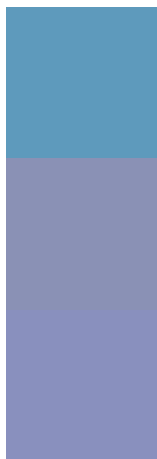


This preview shows how white text looks on a background with the XYZ color 25.2488, 29.1217,

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

25.2488, 29.1217, 51.8673

Protanopia

28.9471, 28.9903, 47.7861

Deuteranopia

29.5841, 28.9826, 52.7501



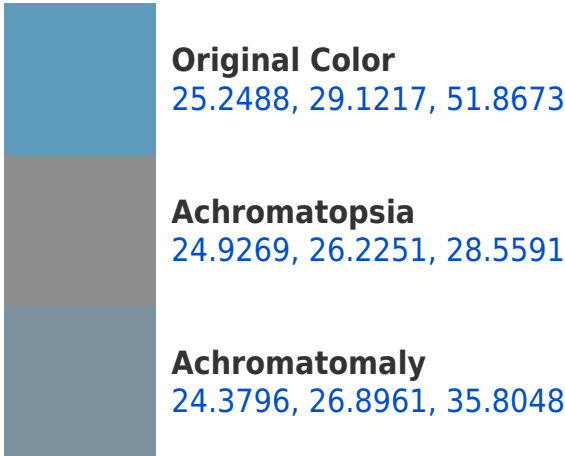
Tritanopia

23.3372, 29.0909, 42.4153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2488, 29.1217, 51.8673 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, 154, 188) looks like.

```
.text, #text, p{  
    color:rgb(94, 154, 188)  
}
```


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, 154, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 154, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.2488, 29.1217, 51.8673 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, 154, 188) }
```


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

```
.border{ border-color:rgb(94, 154, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 154, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 154, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 154, 188);  
box-shadow:4px 4px 4px 4px rgb(94, 154,  
188) }
```


Background

The CSS property to change the background color of an element to XYZ 25.2488, 29.1217, 51.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 154, 188) }
```

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

```
.background{ background-color: rgb(94, 154,  
188) }
```

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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