

Converting Colors

XYZ(25.8412, 28.2089, 65.9043)

Have a look what the booklet for
XYZ(25.8412, 28.2089, 65.9043)
contains.

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Color

**XYZ(25.7248, 28.0936,
65.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	4D96D3
RGB	77, 150, 211
RGB Percent	30%, 59%, 83%
CMY	0.6980, 0.4118, 0.1725
CMYK	0.64, 0.29, 0.00, 0.17
HSL	207°, 60%, 56%
HSV	207°, 64%, 83%
XYZ	25.7248, 28.0936, 65.6948
YIQ	135.1270, -63.0890, 3.4950

Conversions

Conversions Part 2

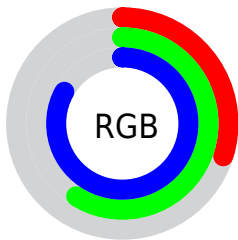
Format	Color
RYB	77, 124, 211
Decimal	5084883
CIELab	59.97, -4.05, -38.01
CIELCh	60, 38.226, 263.926
Yxy	28.0936, 0.2152, 0.2351
Android (android.graphics.Color)	4283274963 (0xFF4D96D3)
YUV	135.1270, 37.4054, -50.9774
Hunter-Lab	53.0034, -6.1223, -36.3843

Details

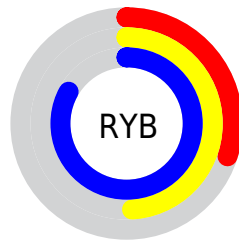
The XYZ color **25.7248, 28.0936, 65.6948** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **37.2935, 32.5639, 11.3425**, and the grayscale version is **22.9597, 24.1554, 26.3052**.

A 20% lighter version of the original color is **49.9594, 55.7241, 102.7304**, and **10.5579, 11.5146, 33.1186** is the 20% darker color. If you saturate the color by 10%, you get **22.8198, 24.4135, 65.1381**, and if you desaturate by 10%, it is **29.3095, 32.3116, 66.3206**.

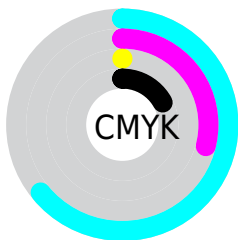
Distribution



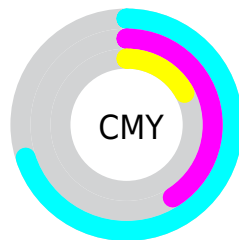
- Red (30%)
- Green (59%)
- Blue (83%)



- Red (30%)
- Yellow (49%)
- Blue (83%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)



- Cyan (70%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7248, 28.0936, 65.6948 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 25.7248, 28.0936, 65.6948 by changing the saturation by 10% instead.

■ 25.7248, 28.0936,
65.6948

■ 25.7248, 28.0936,
65.6948

273.7101,
292.9139, 463.6590

■ 16.7495, 18.3962,
47.5698

■ 52.2651, 56.6338,
114.6710

■ 10.1502, 11.2348,
33.1287

■ 70.5608, 76.2455,
146.3593

■ 5.5617, 6.2250,
21.9532

■ 92.6940, 99.9307,
183.4057

■ 2.6186, 2.9824,
13.6245

■ 119.0301,
128.0739, 226.2288

■ 0.9554, 1.1225,
7.7242

149.9344,
161.0594, 275.2471

■ 0.0000, 0.0000,
3.8338

185.7722,

■ 0.0000, 0.0000,

199.2716, 330.8792

1.5346

226.9090,
243.0950, 393.5437

■ 0.0000, 0.0000,
0.2435

■ 0.0000, 0.0000,
0.0000

■ 25.7248, 28.0936,
65.6948

■ 25.7248, 28.0936,
65.6948

■ 22.8198, 24.4135,
65.1381

■ 29.3095, 32.3116,
66.3206

■ 20.5328, 21.2336,
64.6449

■ 33.6219, 37.0951,
67.0166

■ 18.7945, 18.5140,
64.2116

■ 38.7090, 42.4730,
67.7865

■ 17.8824, 16.9521,
63.9582

■ 44.6123, 48.4707,
68.6331

■ 51.3706, 55.1121,
69.5588

■ 59.0197, 62.4195,
70.5661

■ 67.5935, 70.4140,
71.6573

■ 77.1240, 79.1158,
72.8346

■ 83.1238, 86.2149,
73.8886

Harmonies

Analogous

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



21.5657, 28.0936, 57.7417



25.7248, 28.0936, 65.6948



30.6768, 28.0936, 62.1791

Triad

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



25.7248, 28.0936, 65.6948



36.1941, 28.0936, 20.9629



19.8348, 28.0936, 17.3744

Complementary

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



25.7248, 28.0936, 65.6948



37.2935, 32.5639, 11.3425

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.



23.0865, 28.0936, 12.0591



25.7248, 28.0936, 65.6948



32.5955, 28.0936, 13.6478

Square

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



25.7248, 28.0936, 65.6948



37.1217, 28.0936, 33.5114



27.7039, 28.0936, 10.9393



18.4412, 28.0936, 27.8419

Rectangle

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



25.7248, 28.0936, 65.6948



33.7287, 28.0936, 54.2158



27.7039, 28.0936, 10.9393



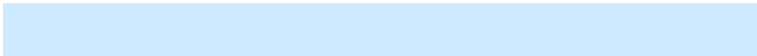
20.7262, 28.0936, 15.0709

Sweetspot

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



25.7258, 28.0946, 65.6955



72.7795, 78.6666, 105.9560



30.8929, 49.9820, 31.8009



14.9536, 16.2203, 22.5926



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.



25.7258, 28.0946, 65.6955



33.7642, 35.7733, 99.7331



17.9668, 12.5766, 63.1092



11.6897, 12.4696, 15.0344



10.8956, 10.4378, 38.6329



0.6880, 0.7412, 2.1864

Inverse Universe

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



35.0238, 21.3599, 31.1319



49.8737, 27.4006, 39.1102



49.8686, 57.7140, 15.5342



12.0743, 11.9144, 13.6668



18.1303, 9.1250, 10.8584



1.0535, 0.5261, 0.8166

Previews

White Background



This preview shows how the XYZ color 25.7248, 28.0936, 65.6948 looks on a white background.

Color Contrast Check

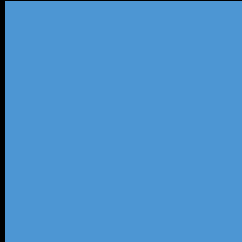
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7248, 28.0936, 65.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

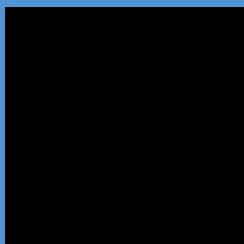
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

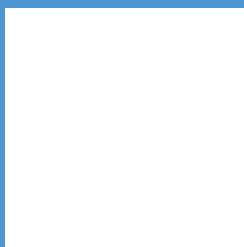
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7248, 28.0936, 65.6948

Background



This preview shows how black text looks on a background with the XYZ color 25.7248, 28.0936, 65.6948.

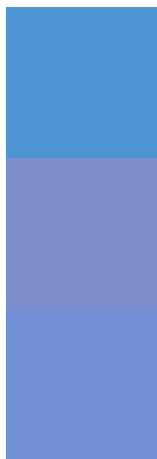


This preview shows how white text looks on a background with the XYZ color 25.7248, 28.0936,

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

25.7248, 28.0936, 65.6948

Protanopia

28.8843, 27.9907, 61.0071

Deuteranopia

28.7721, 28.0264, 66.8440



Tritanopia

21.2084, 28.2347, 42.8601

Trichromacy



Original Color

25.7248, 28.0936, 65.6948

Protanomaly

27.4513, 27.8816, 62.9663

Deuteranomaly

27.5294, 28.0779, 66.2560

Tritanomaly

22.6986, 28.0778, 50.6776

Monochromacy



Original Color

25.7248, 28.0936, 65.6948

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9284, 24.9779, 38.2631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7248, 28.0936, 65.6948 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(77, 150, 211)` looks like.

```
.text, #text, p{  
    color:rgb(77, 150, 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(77, 150, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 150, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.7248, 28.0936, 65.6948 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(77, 150, 211) }
```


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

```
.border{ border-color:rgb(77, 150, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 150, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 150, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 150, 211);  
box-shadow:4px 4px 4px 4px rgb(77, 150,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7248, 28.0936, 65.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 150, 211) }
```

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

```
.background{ background-color: rgb(77, 150,  
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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