

Converting Colors

XYZ(25.3057, 29.2627, 40.2708)

Have a look what the booklet for
XYZ(25.3057, 29.2627, 40.2708)
contains.

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Color

**XYZ(25.2136, 29.1130,
40.3669)**

Conversions

Conversions Part 1

Format	Color
Hex	7299A6
RGB	114, 153, 166
RGB Percent	45%, 60%, 65%
CMY	0.5529, 0.4000, 0.3490
CMYK	0.31, 0.08, 0.00, 0.35
HSL	195°, 23%, 55%
HSV	195°, 31%, 65%
XYZ	25.2136, 29.1130, 40.3669
YIQ	142.8210, -27.4170, -4.2250

Conversions

Conversions Part 2

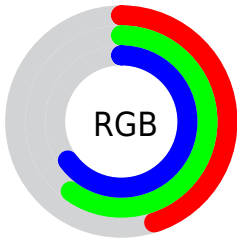
Format	Color
RYB	114, 136, 166
Decimal	7510438
CIELab	60.88, -10.12, -11.12
CIElCh	61, 15.034, 227.714
Yxy	29.1130, 0.2663, 0.3074
Android (android.graphics.Color)	4285700518 (0xFF7299A6)
YUV	142.8210, 11.4272, -25.2760
Hunter-Lab	53.9565, -11.0116, -6.5876

Details

The XYZ color **25.2136, 29.1130, 40.3669** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3530, 24.5011, 19.2606**, and the grayscale version is **26.0015, 27.3556, 29.7902**.

A 20% lighter version of the original color is **51.3003, 58.0616, 76.9098**, and **9.8385, 11.7744, 17.6737** is the 20% darker color. If you saturate the color by 10%, you get **22.5800, 26.7652, 40.0530**, and if you desaturate by 10%, it is **28.2644, 31.7124, 40.7083**.

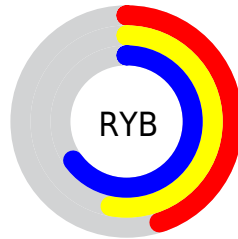
Distribution



Red (45%)

Green (60%)

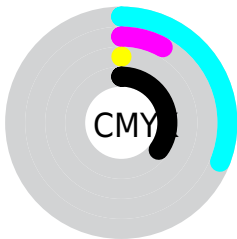
Blue (65%)



Red (45%)

Yellow (53%)

Blue (65%)

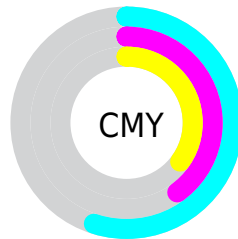


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2136, 29.1130, 40.3669 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 25.2136, 29.1130, 40.3669 by changing the saturation by 10% instead.

■ 25.2136, 29.1130,
40.3669

■ 25.2136, 29.1130,
40.3669

271.2281,
297.7478, 363.2656

■ 16.3658, 19.1663,
27.5088

■ 51.4439, 58.2566,
76.9651

■ 9.8759, 11.7905,
17.7199

■ 69.5572, 78.2223,
101.5422

■ 5.3784, 6.6012,
10.5817

■ 91.4897, 102.2964,
130.8628

■ 2.5080, 3.2140,
5.6757

117.6068,
130.8634, 165.3452

■ 0.8993, 1.2444,
2.5833

148.2738,
164.3076, 205.4082

■ 0.0000, 0.0976,
0.8838

183.8562,

■ 0.0000, 0.0000,

203.0135, 251.4703

0.0000

224.7191,
247.3654, 303.9498

■ 25.2136, 29.1130,
40.3669

■ 25.2136, 29.1130,
40.3669

■ 22.5800, 26.7652,
40.0530

■ 28.2644, 31.7124,
40.7083

■ 20.3396, 24.6541,
39.7636

■ 31.7498, 34.5704,
41.0763

■ 18.4698, 22.7684,
39.4982

■ 35.6890, 37.6982,
41.4724

■ 16.9445, 21.0944,
39.2555

■ 40.0995, 41.1051,
41.8975

■ 15.7340, 19.6162,
39.0340

■ 44.9978, 44.7999,
42.3525

■ 14.8033, 18.3156,
38.8320

■ 50.3995, 48.7909,
42.8382

■ 14.1541, 17.2954,
38.6693

■ 56.3197, 53.0863,
43.3552

■ 62.7725, 57.6937,
43.9044

■ 66.6122, 60.9916,
44.3386

Harmonies

Analogous

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



24.2362, 29.1130, 35.0955



25.2136, 29.1130, 40.3669



26.8773, 29.1130, 43.4493

Triad

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



25.2136, 29.1130, 40.3669



31.5165, 29.1130, 34.0501



26.5408, 29.1130, 22.4946

Complementary

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



25.2136, 29.1130, 40.3669



26.3530, 24.5011, 19.2606

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.



28.4802, 29.1130, 22.2849



25.2136, 29.1130, 40.3669



31.4159, 29.1130, 28.5292

Square

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



25.2136, 29.1130, 40.3669



30.5518, 29.1130, 39.5242



30.2832, 29.1130, 24.3704



24.9773, 29.1130, 24.9817

Rectangle

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



25.2136, 29.1130, 40.3669



28.1797, 29.1130, 43.6339



30.2832, 29.1130, 24.3704



27.1686, 29.1130, 22.1670

Sweetspot

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



25.2145, 29.1142, 40.3676



59.0933, 63.9236, 74.6992



24.3508, 32.3603, 24.7473



13.0079, 14.1314, 16.6942



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.2145, 29.1142, 40.3676



42.1611, 49.6492, 72.8364



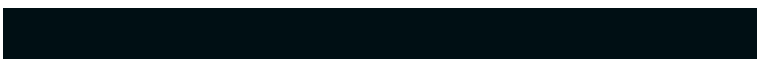
21.5249, 21.7349, 39.1377



7.5864, 8.2097, 9.6031



11.0140, 13.4883, 29.9985



0.3050, 0.4021, 0.7422

Inverse Universe

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



27.4937, 22.4423, 33.0209



47.1015, 35.8631, 56.7603



30.0137, 31.8223, 20.4808



7.7606, 7.6341, 9.0564



15.0600, 7.4327, 15.6592



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 25.2136, 29.1130, 40.3669 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 25.2136, 29.1130, 40.3669 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

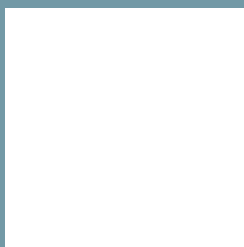
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2136, 29.1130, 40.3669

Background



This preview shows how black text looks on a background with the XYZ color 25.2136, 29.1130, 40.3669.

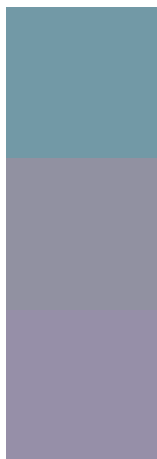


This preview shows how white text looks on a background with the XYZ color 25.2136, 29.1130,

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

25.2136, 29.1130, 40.3669

Protanopia

28.2355, 28.8437, 37.7974

Deuteranopia

29.4680, 28.9561, 41.0817



Tritanopia

25.1222, 29.0765, 39.8856

Trichromacy



Original Color

25.2136, 29.1130, 40.3669

Protanomaly

27.0323, 28.8925, 38.8024

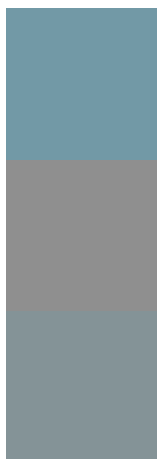
Deuteranomaly

27.7253, 28.9758, 40.6908

Tritanomaly

25.1222, 29.0765, 39.8856

Monochromacy



Original Color

25.2136, 29.1130, 40.3669

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5354, 28.0073, 33.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2136, 29.1130, 40.3669 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(114, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(114, 153, 166)  
}
```

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(114, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.2136, 29.1130, 40.3669 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(114, 153, 166) }
```


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

```
.border{ border-color:rgb(114, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(114, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2136, 29.1130, 40.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 153, 166) }
```

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

```
.background{ background-color: rgb(114,  
153, 166) }
```

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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