

Converting Colors

XYZ(24.3815, 29.2047, 36.7449)

Have a look what the booklet for
XYZ(24.3815, 29.2047, 36.7449)
contains.

XYZ(24.4484, 29.2908, 36.7129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.4484, 29.2908,
36.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9B9E
RGB	111, 155, 158
RGB Percent	44%, 61%, 62%
CMY	0.5647, 0.3921, 0.3804
CMYK	0.30, 0.02, 0.00, 0.38
HSL	184°, 20%, 53%
HSV	184°, 30%, 62%
XYZ	24.4484, 29.2908, 36.7129
YIQ	142.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

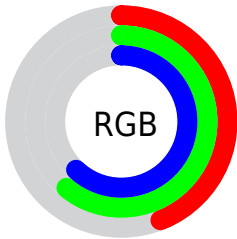
Format	Color
RYB	111, 134, 158
Decimal	7314334
CIELab	61.04, -14.07, -6.38
CIElCh	61, 15.451, 204.389
Yxy	29.2908, 0.2703, 0.3238
Android (android.graphics.Color)	4285504414 (0xFF6F9B9E)
YUV	142.1860, 7.7963, -27.3501
Hunter-Lab	54.1210, -14.0768, -2.3346

Details

The XYZ color **24.4484, 29.2908, 36.7129** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9874, 20.4516, 17.7754**, and the grayscale version is **25.7632, 27.1049, 29.5173**.

A 20% lighter version of the original color is **50.3667, 58.7898, 71.6437**, and **9.5286, 11.9543, 15.7151** is the 20% darker color. If you saturate the color by 10%, you get **22.4667, 28.0220, 36.5729**, and if you desaturate by 10%, it is **26.7849, 30.7461, 36.8711**.

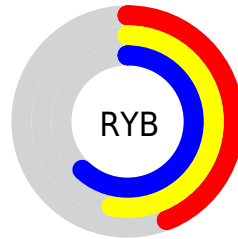
Distribution



Red (44%)

Green (61%)

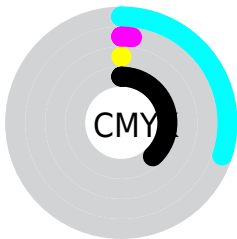
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

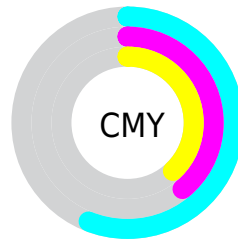


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4484, 29.2908, 36.7129 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 24.4484, 29.2908, 36.7129 by changing the saturation by 10% instead.

■ 24.4484, 29.2908,
36.7129

■ 24.4484, 29.2908,
36.7129

267.4783,
298.5846, 347.1971

■ 15.7931, 19.3009,
24.6912

■ 50.2103, 58.5388,
71.3124

■ 9.4678, 11.8879,
15.6302

■ 68.0476, 78.5657,
94.7273

■ 5.1071, 6.6674,
9.1114

■ 89.6764, 102.7071,
122.7770

■ 2.3456, 3.2550,
4.7161

■ 115.4618,
131.3473, 155.8801

■ 0.8179, 1.2663,
2.0259

145.7694,
164.8707, 194.4551

■ 0.0000, 0.1148,
0.5711

180.9644,

■ 0.0000, 0.0000,

203.6618, 238.9206

0.0000

221.4123,
248.1050, 289.6951

■ 24.4484, 29.2908,
36.7129

■ 24.4484, 29.2908,
36.7129

■ 22.4667, 28.0220,
36.5729

■ 26.7849, 30.7461,
36.8711

■ 20.8187, 26.9265,
36.4483

■ 29.4907, 32.3931,
37.0464

■ 19.4851, 25.9951,
36.3389

■ 32.5829, 34.2414,
37.2402

■ 18.4432, 25.2162,
36.2434

■ 36.0764, 36.2988,
37.4532

■ 17.6679, 24.5768,
36.1609

■ 39.9856, 38.5725,
37.6860

■ 17.1292, 24.0614,
36.0898

■ 44.3241, 41.0696,
37.9394

■ 16.7584, 23.6347,
36.0270

■ 49.1049, 43.7968,
38.2138

■ 16.7493, 23.6240,
36.0254

■ 54.3403, 46.7605,
38.5099

■ 60.0423, 49.9668,
38.8283

Harmonies

Analogous

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



24.1487, 29.2908, 30.8168



24.4484, 29.2908, 36.7129



25.6379, 29.2908, 41.8240

Triad

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



24.4484, 29.2908, 36.7129



31.1206, 29.2908, 38.8225



28.2218, 29.2908, 22.0488

Complementary

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



24.4484, 29.2908, 36.7129



22.9874, 20.4516, 17.7754

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.



30.1648, 29.2908, 23.6729



24.4484, 29.2908, 36.7129



31.8896, 29.2908, 32.9934

Square

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



24.4484, 29.2908, 36.7129



29.4758, 29.2908, 43.1415



31.5317, 29.2908, 27.5140



26.2659, 29.2908, 22.7919

Rectangle

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



24.4484, 29.2908, 36.7129



26.8072, 29.2908, 43.8580



31.5317, 29.2908, 27.5140



28.8990, 29.2908, 22.3293

Sweetspot

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



24.4493, 29.2920, 36.7136



53.8554, 59.0064, 67.2943



21.7833, 29.0339, 20.1828



11.9778, 13.2041, 15.1610



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.4493, 29.2920, 36.7136



41.8285, 51.5544, 66.4899



20.9992, 22.3919, 35.5636



6.7856, 7.4370, 8.4845



13.4252, 18.9419, 28.8558



0.2498, 0.3582, 0.5192

Inverse Universe

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



25.7021, 21.0051, 33.7114



44.5217, 34.0104, 59.9753



25.8947, 26.2661, 18.7445



6.8859, 6.7473, 8.2502



15.5746, 7.5344, 23.0747



0.2834, 0.1367, 0.4385

Previews

White Background



This preview shows how the XYZ color 24.4484, 29.2908, 36.7129 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 24.4484, 29.2908, 36.7129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

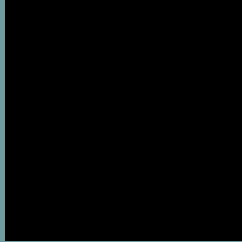
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4484, 29.2908, 36.7129

Background



This preview shows how black text looks on a background with the XYZ color 24.4484, 29.2908, 36.7129.

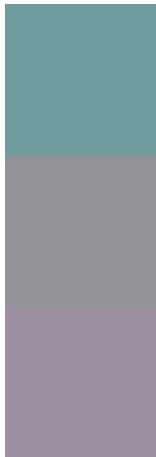


This preview shows how white text looks on a background with the XYZ color 24.4484, 29.2908,

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

24.4484, 29.2908, 36.7129

Protanopia

28.2414, 29.1536, 34.2757

Deuteranopia

29.7731, 29.1867, 37.7826



Tritanopia

25.2486, 29.3751, 40.4156

Trichromacy



Original Color

24.4484, 29.2908, 36.7129

Protanomaly

26.6555, 29.0123, 35.2054

Deuteranomaly

27.4263, 28.8945, 37.3894

Tritanomaly

24.8486, 29.2003, 38.9769

Monochromacy



Original Color

24.4484, 29.2908, 36.7129

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1391, 27.8308, 32.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4484, 29.2908, 36.7129 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(111, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(111, 155, 158)  
}
```

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(111, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 155, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.4484, 29.2908, 36.7129 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(111, 155, 158) }
```


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

```
.border{ border-color:rgb(111, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(111, 155,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4484, 29.2908, 36.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 155, 158) }
```

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

```
.background{ background-color: rgb(111,  
155, 158) }
```

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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