

Converting Colors

XYZ(24.8142, 30.2391, 36.4115)

Have a look what the booklet for
XYZ(24.8142, 30.2391, 36.4115)
contains.

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Color

**XYZ(24.8682, 30.2675,
36.4298)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9E9D
RGB	111, 158, 157
RGB Percent	44%, 62%, 62%
CMY	0.5647, 0.3804, 0.3843
CMYK	0.30, 0.00, 0.01, 0.38
HSL	179°, 20%, 53%
HSV	179°, 30%, 62%
XYZ	24.8682, 30.2675, 36.4298
YIQ	143.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

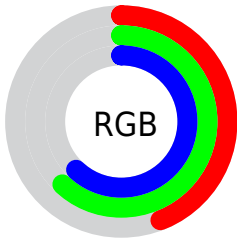
Format	Color
RYB	111, 135, 158
Decimal	7315101
CIELab	61.88, -15.91, -4.56
CIElCh	62, 16.554, 195.994
Yxy	30.2675, 0.2716, 0.3306
Android (android.graphics.Color)	4285505181 (0xFF6F9E9D)
YUV	143.8330, 6.4913, -28.7945
Hunter-Lab	55.0159, -15.5926, -0.7488

Details

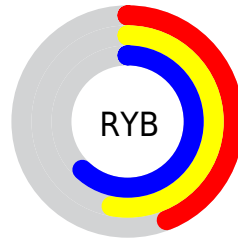
The XYZ color **24.8682, 30.2675, 36.4298** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7107, 19.8087, 17.9569**, and the grayscale version is **26.4254, 27.8016, 30.2760**.

A 20% lighter version of the original color is **50.8620, 60.1842, 70.5640**, and **9.7227, 12.5167, 15.5392** is the 20% darker color. If you saturate the color by 10%, you get **23.0249, 29.3213, 36.1943**, and if you desaturate by 10%, it is **27.0651, 31.3975, 36.6836**.

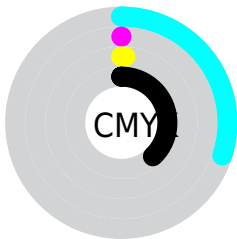
Distribution



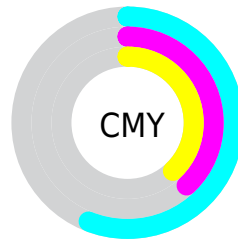
- Red (44%)
- Green (62%)
- Blue (62%)



- Red (44%)
- Yellow (53%)
- Blue (62%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (56%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8682, 30.2675, 36.4298 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 24.8682, 30.2675, 36.4298 by changing the saturation by 10% instead.

■ 24.8682, 30.2675,
36.4298

■ 24.8682, 30.2675,
36.4298

269.5407,
303.1493, 345.9293

■ 16.1071, 20.0417,
24.4740

■ 50.8878, 60.0850,
70.8714

■ 9.6913, 12.4254,
15.4702

■ 68.8769, 80.4454,
94.1944

■ 5.2555, 7.0341,
8.9997

■ 90.6728, 104.9529,
122.1434

■ 2.4342, 3.4834,
4.6442

■ 116.6408,
133.9918, 155.1371

■ 0.8622, 1.3890,
1.9850

147.1462,
167.9465, 193.5940

■ 0.0000, 0.2086,
0.5460

182.5544,

■ 0.0000, 0.0000,

207.2014, 237.9326

0.0000

223.2308,
252.1409, 288.5716

■ 24.8682, 30.2675,
36.4298

■ 24.8682, 30.2675,
36.4298

■ 23.0249, 29.3213,
36.1943

■ 27.0651, 31.3975,
36.6836

■ 21.5139, 28.5457,
35.9741

■ 29.6300, 32.7164,
36.9543

■ 20.3158, 27.9314,
35.7689

■ 32.5799, 34.2338,
37.2435

■ 19.4084, 27.4669,
35.5778

■ 35.9299, 35.9574,
37.5519

■ 18.7661, 27.1390,
35.3995

■ 39.6942, 37.8946,
37.8800

■ 18.3592, 26.9325,
35.2326

■ 43.8865, 40.0524,
38.2286

■ 18.1189, 26.8119,
35.0740

■ 48.5197, 42.4376,
38.5982

■ 18.1131, 26.8090,
35.0700

■ 53.6062, 45.0564,
38.9895

■ 59.1580, 47.9150,
39.4029

Harmonies

Analogous

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



24.8335, 30.2675, 30.0935



24.8682, 30.2675, 36.4298



25.9119, 30.2675, 42.5230

Triad

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



24.8682, 30.2675, 36.4298



31.9392, 30.2675, 42.1696



29.8107, 30.2675, 22.4885

Complementary

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



24.8682, 30.2675, 36.4298



22.7107, 19.8087, 17.9569

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.



31.8274, 30.2675, 24.9440



24.8682, 30.2675, 36.4298



33.0983, 30.2675, 35.9949

Square

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



24.8682, 30.2675, 36.4298



29.9570, 30.2675, 46.1158



33.0563, 30.2675, 29.7107



27.6116, 30.2675, 22.5734

Rectangle

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



24.8682, 30.2675, 36.4298



27.0715, 30.2675, 45.3909



33.0563, 30.2675, 29.7107



30.5347, 30.2675, 23.0290

Sweetspot

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



24.8691, 30.2687, 36.4305



54.0925, 59.5580, 67.1354



21.8514, 29.0846, 19.5018



12.0393, 13.3471, 15.1198



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.



24.8691, 30.2687, 36.4305



42.7650, 53.7350, 65.8535



21.5416, 23.4762, 35.7451



6.8157, 7.5071, 8.4643



14.5081, 21.4712, 28.0966



0.2611, 0.3846, 0.5114

Inverse Universe

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



22.7107, 19.8087, 17.9569



38.1714, 31.4703, 26.5353



25.3492, 25.1747, 18.5627



6.6385, 6.6483, 6.9475



11.3098, 5.8285, 0.6163



0.2037, 0.1048, 0.0189

Previews

White Background



This preview shows how the XYZ color 24.8682, 30.2675, 36.4298 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.8682, 30.2675, 36.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

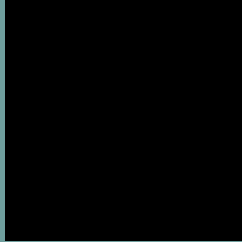
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.8682, 30.2675, 36.4298

Background



This preview shows how black text looks on a background with the XYZ color 24.8682, 30.2675, 36.4298.

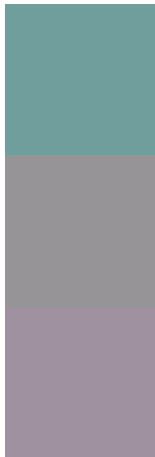


This preview shows how white text looks on a background with the XYZ color 24.8682, 30.2675,

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

24.8682, 30.2675, 36.4298

Protanopia

28.9383, 29.9935, 33.5423

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

25.9893, 30.2189, 41.9992

Trichromacy



Original Color

24.8682, 30.2675, 36.4298

Protanomaly

27.1313, 29.9906, 34.4958

Deuteranomaly

28.3197, 30.0667, 37.1117

Tritanomaly

25.6586, 30.3413, 40.1014

Monochromacy



Original Color

24.8682, 30.2675, 36.4298

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6880, 28.5704, 32.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8682, 30.2675, 36.4298 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, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(111, 158, 157)  
}
```

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, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 158, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.8682, 30.2675, 36.4298 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, 158, 157) }
```


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

```
.border{ border-color:rgb(111, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(111, 158,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8682, 30.2675, 36.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 158, 157) }
```

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

```
.background{ background-color: rgb(111,  
158, 157) }
```

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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