

Converting Colors

XYZ(24.4141, 27.5573, 34.0515)

Have a look what the booklet for
XYZ(24.4141, 27.5573, 34.0515)
contains.

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Color

**XYZ(24.5081, 27.6907,
34.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9499
RGB	123, 148, 153
RGB Percent	48%, 58%, 60%
CMY	0.5176, 0.4196, 0.4000
CMYK	0.20, 0.03, 0.00, 0.40
HSL	190°, 13%, 54%
HSV	190°, 20%, 60%
XYZ	24.5081, 27.6907, 34.1901
YIQ	141.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

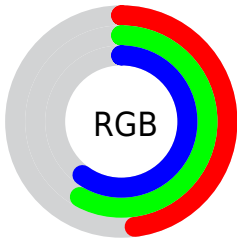
Format	Color
RYB	123, 137, 153
Decimal	8098969
CIELab	59.61, -7.65, -5.58
CIElCh	60, 9.472, 216.093
Yxy	27.6907, 0.2837, 0.3205
Android (android.graphics.Color)	4286289049 (0xFF7B9499)
YUV	141.0950, 5.8692, -15.8693
Hunter-Lab	52.6220, -8.9540, -1.6872

Details

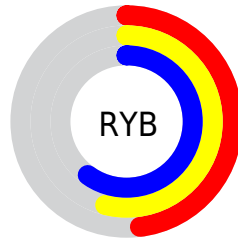
The XYZ color **24.5081, 27.6907, 34.1901** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4315, 23.6408, 22.0150**, and the grayscale version is **25.3377, 26.6572, 29.0297**.

A 20% lighter version of the original color is **50.2875, 55.9762, 67.1855**, and **9.4970, 10.9645, 14.1862** is the 20% darker color. If you saturate the color by 10%, you get **22.0929, 25.8593, 33.9643**, and if you desaturate by 10%, it is **27.2758, 29.7184, 34.4360**.

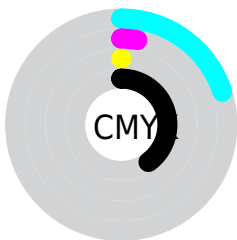
Distribution



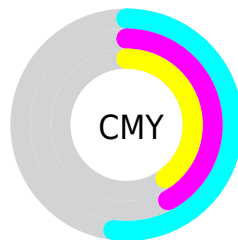
- Red (48%)
- Green (58%)
- Blue (60%)



- Red (48%)
- Yellow (54%)
- Blue (60%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5081, 27.6907, 34.1901 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 24.5081, 27.6907, 34.1901 by changing the saturation by 10% instead.

■ 24.5081, 27.6907,
34.1901

■ 24.5081, 27.6907,
34.1901

267.7724,
290.9860, 335.7739

■ 15.8377, 18.0926,
22.7611

■ 50.3067, 55.9903,
67.3665

■ 9.4995, 11.0165,
14.2136

■ 68.1657, 75.4605,
89.9509

■ 5.1281, 6.0779,
8.1289

■ 89.8183, 98.9903,
117.0910

■ 2.3582, 2.8925,
4.0886

115.6298,
126.9640, 149.2051

■ 0.8242, 1.0759,
1.6741

145.9656,
159.7661, 186.7120

■ 0.0000, 0.0000,
0.3429

181.1911,

■ 0.0000, 0.0000,

197.7808, 230.0300

0.0000

221.6715,
241.3927, 279.5778

■ 24.5081, 27.6907,
34.1901

■ 24.5081, 27.6907,
34.1901

■ 22.0929, 25.8593,
33.9643

■ 27.2758, 29.7184,
34.4360

■ 20.0120, 24.2124,
33.7562

■ 30.4085, 31.9466,
34.7010

■ 18.2488, 22.7424,
33.5653

■ 33.9209, 34.3838,
34.9863

■ 16.7849, 21.4393,
33.3910

■ 37.8264, 37.0370,
35.2926

■ 15.5993, 20.2926,
33.2321

■ 42.1375, 39.9127,
35.6205

■ 14.6688, 19.2899,
33.0876

■ 46.8663, 43.0172,
35.9705

■ 13.9658, 18.4171,
32.9562

■ 52.0242, 46.3565,
36.3431

■ 13.4259, 17.6409,
32.8348

■ 57.6224, 49.9364,
36.7391

■ 13.4054, 17.6110,
32.8301

■ 61.5422, 52.6647,
37.0591

Harmonies

Analogous

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



24.1027, 27.6907, 30.8535



24.5081, 27.6907, 34.1901



25.4001, 27.6907, 36.5665

Triad

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



24.5081, 27.6907, 34.1901



28.4733, 27.6907, 32.8929



26.0763, 27.6907, 24.0764

Complementary

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



24.5081, 27.6907, 34.1901



24.4315, 23.6408, 22.0150

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.



27.2601, 27.6907, 24.5326



24.5081, 27.6907, 34.1901



28.6675, 27.6907, 29.4582

Square

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



24.5081, 27.6907, 34.1901



27.6943, 27.6907, 35.7789



28.2174, 27.6907, 26.4423



24.9904, 27.6907, 25.1456

Rectangle

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



24.5081, 27.6907, 34.1901



26.1631, 27.6907, 37.1939



28.2174, 27.6907, 26.4423



26.4758, 27.6907, 24.0576

Sweetspot

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



24.5089, 27.6918, 34.1907



50.7286, 54.5718, 61.8317



23.4236, 28.5393, 24.5247



11.1312, 11.9998, 13.6470



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.5089, 27.6918, 34.1907



41.7094, 47.9524, 61.0294



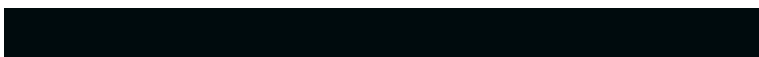
22.3749, 23.4238, 33.4794



6.2970, 6.8513, 7.9195



11.0999, 14.5965, 27.1401



0.1865, 0.2593, 0.4126

Inverse Universe

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



25.5658, 23.0770, 31.1251



44.0178, 38.0737, 54.2887



26.4601, 27.6980, 22.6912



6.4170, 6.3060, 7.5761



14.0615, 6.8788, 17.3806



0.2206, 0.1070, 0.3144

Previews

White Background



This preview shows how the XYZ color 24.5081, 27.6907, 34.1901 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 24.5081, 27.6907, 34.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

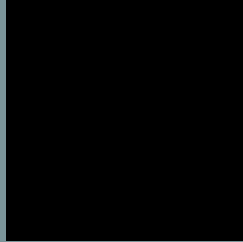
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

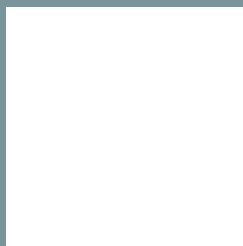
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5081, 27.6907, 34.1901

Background



This preview shows how black text looks on a background with the XYZ color 24.5081, 27.6907, 34.1901.



This preview shows how white text looks on a background with the XYZ color 24.5081, 27.6907,

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

24.5081, 27.6907, 34.1901

Protanopia

26.6796, 27.4773, 32.7516

Deuteranopia

28.0979, 27.5072, 34.8388



Tritanopia

25.0039, 27.6557, 36.8211

Trichromacy



Original Color

24.5081, 27.6907, 34.1901

Protanomaly

25.7125, 27.4151, 33.2146

Deuteranomaly

26.4902, 27.3418, 34.4532

Tritanomaly

24.8317, 27.5868, 35.9143

Monochromacy



Original Color

24.5081, 27.6907, 34.1901

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9156, 27.0592, 30.6978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5081, 27.6907, 34.1901 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(123, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(123, 148, 153)  
}
```

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(123, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.5081, 27.6907, 34.1901 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(123, 148, 153) }
```


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

```
.border{ border-color:rgb(123, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 148, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 148, 153); box-shadow:4px 4px 4px 4px rgb(123, 148, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5081, 27.6907, 34.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 148, 153) }
```

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

```
.background{ background-color: rgb(123,  
148, 153) }
```

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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