

Converting Colors

XYZ(24.9006, 30.8279, 46.7575)

Have a look what the booklet for
XYZ(24.9006, 30.8279, 46.7575)
contains.

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Color

**XYZ(24.9006, 30.8279,
46.7575)**

Conversions

Conversions Part 1

Format	Color
Hex	59A1B2
RGB	89, 161, 178
RGB Percent	35%, 63%, 70%
CMY	0.6510, 0.3686, 0.3020
CMYK	0.50, 0.10, 0.00, 0.30
HSL	191°, 37%, 52%
HSV	191°, 50%, 70%
XYZ	24.9006, 30.8279, 46.7575
YIQ	141.4100, -48.3690, -9.9770

Conversions

Conversions Part 2

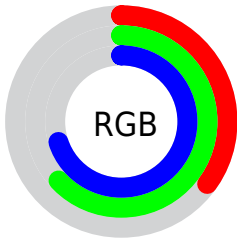
Format	Color
RYB	89, 129, 178
Decimal	5874098
CIELab	62.36, -17.83, -15.78
CIElCh	62, 23.815, 221.509
Yxy	30.8279, 0.2430, 0.3008
Android (android.graphics.Color)	4284064178 (0xFF59A1B2)
YUV	141.4100, 18.0389, -45.9636
Hunter-Lab	55.5229, -17.1123, -11.0639

Details

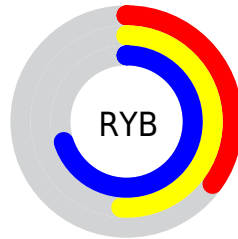
The XYZ color **24.9006, 30.8279, 46.7575** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3181, 20.4952, 12.0738**, and the grayscale version is **25.4242, 26.7483, 29.1289**.

A 20% lighter version of the original color is **51.0842, 61.0720, 86.9376**, and **9.6492, 12.6648, 21.3380** is the 20% darker color. If you saturate the color by 10%, you get **22.8087, 28.8801, 46.4923**, and if you desaturate by 10%, it is **27.4235, 33.0233, 47.0488**.

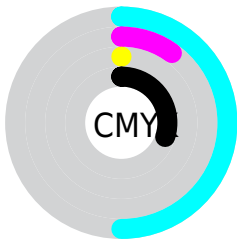
Distribution



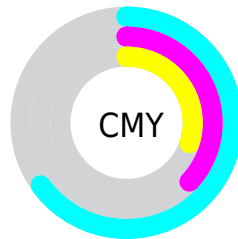
- Red (35%)
- Green (63%)
- Blue (70%)



- Red (35%)
- Yellow (51%)
- Blue (70%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9006, 30.8279, 46.7575 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 24.9006, 30.8279, 46.7575 by changing the saturation by 10% instead.

■ 24.9006, 30.8279,
46.7575

■ 24.9006, 30.8279,
46.7575

269.6993,
305.7447, 390.2114

■ 16.1313, 20.4678,
32.4910

■ 50.9400, 60.9690,
86.6977

■ 9.7086, 12.7356,
21.4689

■ 68.9408, 81.5189,
113.2085

■ 5.2669, 7.2467,
13.2726

■ 90.7496, 106.2341,
144.6379

■ 2.4411, 3.6169,
7.4836

■ 116.7316,
135.4991, 181.4043

■ 0.8656, 1.4616,
3.6833

147.2522,
169.6982, 223.9263

■ 0.0000, 0.2615,
1.4533

182.6768,

■ 0.0000, 0.0000,

209.2160, 272.6225

0.1828

223.3707,
254.4366, 327.9114

■ 0.0000, 0.0000,
0.0000

■ 24.9006, 30.8279,
46.7575

■ 24.9006, 30.8279,
46.7575

■ 22.8087, 28.8801,
46.4923

■ 27.4235, 33.0233,
47.0488

■ 21.1146, 27.1605,
46.2497

■ 30.4020, 35.4770,
47.3655

■ 19.7847, 25.6522,
46.0287

■ 33.8621, 38.2033,
47.7093

■ 18.7783, 24.3341,
45.8273

■ 37.8269, 41.2144,
48.0816

■ 18.0098, 23.1619,
45.6415

■ 42.3181, 44.5215,
48.4832

■ 18.0096, 23.1616,
45.6415

■ 47.3560, 48.1355,
48.9152

■ 52.9600, 52.0662,
49.3786

■ 59.1484, 56.3235,
49.8741

■ 65.9385, 60.9164,
50.4028

Harmonies

Analogous

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



23.6378, 30.8279, 37.2339



24.9006, 30.8279, 46.7575



27.3790, 30.8279, 53.3705

Triad

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



24.9006, 30.8279, 46.7575



35.5805, 30.8279, 39.5162



28.0817, 30.8279, 19.0047

Complementary

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



24.9006, 30.8279, 46.7575



25.3181, 20.4952, 12.0738

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.



31.3109, 30.8279, 19.3901



24.9006, 30.8279, 46.7575



35.8033, 30.8279, 30.1479

Square

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



24.9006, 30.8279, 46.7575



33.6034, 30.8279, 48.6898



34.1915, 30.8279, 23.1236



25.3825, 30.8279, 21.9518

Rectangle

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



24.9006, 30.8279, 46.7575



29.4645, 30.8279, 54.6200



34.1915, 30.8279, 23.1236



29.1381, 30.8279, 18.7656

Sweetspot

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



24.9016, 30.8291, 46.7582



64.6960, 71.8000, 86.8301



22.6072, 34.9918, 19.0137



14.0070, 15.6583, 19.2064



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.9016, 30.8291, 46.7582



41.0093, 52.0282, 84.2622



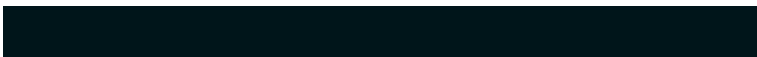
18.5393, 18.1046, 44.6375



8.6020, 9.3502, 10.8577



12.9294, 16.6592, 32.6711



0.4423, 0.5952, 1.0398

Inverse Universe

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



28.3664, 19.1839, 35.9272



48.2682, 29.3912, 61.1760



31.0412, 31.9414, 13.9815



8.7790, 8.6183, 10.3349



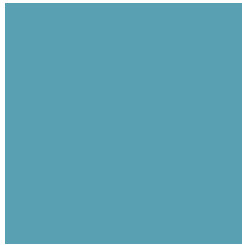
16.7608, 8.2219, 19.6983



0.5453, 0.2659, 0.7142

Previews

White Background



This preview shows how the XYZ color 24.9006, 30.8279, 46.7575 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 24.9006, 30.8279, 46.7575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

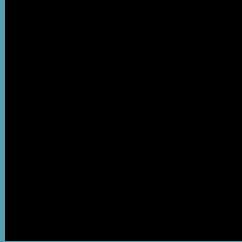
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.9006, 30.8279, 46.7575

Background



This preview shows how black text looks on a background with the XYZ color 24.9006, 30.8279, 46.7575.



This preview shows how white text looks on a background with the XYZ color 24.9006, 30.8279,

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

24.9006, 30.8279, 46.7575

Protanopia

30.0358, 30.6002, 42.3536

Deuteranopia

31.1686, 30.5932, 47.9784



Tritanopia

24.6827, 31.0105, 45.2422

Trichromacy



Original Color

24.9006, 30.8279, 46.7575

Protanomaly

27.5382, 30.2352, 43.9197

Deuteranomaly

28.2189, 30.2638, 47.5342

Tritanomaly

24.7813, 31.0500, 45.7614

Monochromacy



Original Color

24.9006, 30.8279, 46.7575

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4487, 27.6505, 34.6203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9006, 30.8279, 46.7575 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(89, 161, 178)` looks like.

```
.text, #text, p{  
    color:rgb(89, 161, 178)  
}
```

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(89, 161, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 161, 178) }
```

Border

The CSS property to change the border of an element to XYZ 24.9006, 30.8279, 46.7575 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(89, 161, 178) }
```


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

```
.border{ border-color:rgb(89, 161, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 161, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 161, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 161, 178);  
box-shadow:4px 4px 4px 4px rgb(89, 161,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9006, 30.8279, 46.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 161, 178) }
```

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

```
.background{ background-color: rgb(89, 161,  
178) }
```

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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