

Converting Colors

XYZ(24.8102, 30.9269, 50.8035)

Have a look what the booklet for
XYZ(24.8102, 30.9269, 50.8035)
contains.

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Color

**XYZ(24.8192, 30.9631,
50.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA2B9
RGB	78, 162, 185
RGB Percent	31%, 64%, 73%
CMY	0.6941, 0.3647, 0.2745
CMYK	0.58, 0.12, 0.00, 0.27
HSL	193°, 43%, 52%
HSV	193°, 58%, 73%
XYZ	24.8192, 30.9631, 50.5673
YIQ	139.5060, -57.4470, -10.6550

Conversions

Conversions Part 2

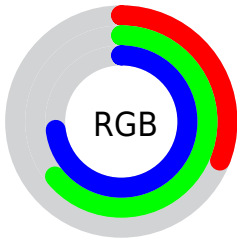
Format	Color
RYB	78, 125, 185
Decimal	5153465
CIELab	62.48, -18.68, -19.58
CIELCh	62, 27.056, 226.350
Yxy	30.9631, 0.2334, 0.2911
Android (android.graphics.Color)	4283343545 (0xFF4EA2B9)
YUV	139.5060, 22.4285, -53.9408
Hunter-Lab	55.6445, -17.7612, -14.9290

Details

The XYZ color **24.8192, 30.9631, 50.5673** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0374, 20.1729, 9.7303**, and the grayscale version is **24.6688, 25.9535, 28.2633**.

A 20% lighter version of the original color is **50.8434, 61.2108, 92.3542**, and **9.7408, 12.8178, 23.7905** is the 20% darker color. If you saturate the color by 10%, you get **22.8221, 28.9106, 50.2770**, and if you desaturate by 10%, it is **27.2668, 33.2819, 50.8865**.

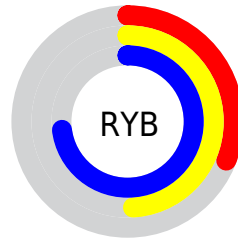
Distribution



Red (31%)

Green (64%)

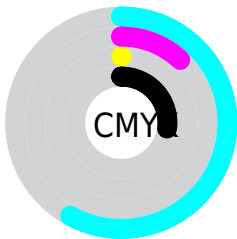
Blue (73%)



Red (31%)

Yellow (49%)

Blue (73%)

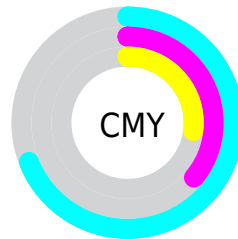


Cyan (58%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8192, 30.9631, 50.5673 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 24.8192, 30.9631, 50.5673 by changing the saturation by 10% instead.

■ 24.8192, 30.9631,
50.5673

■ 24.8192, 30.9631,
50.5673

269.3006,
306.3683, 405.6788

■ 16.0704, 20.5708,
35.4900

■ 50.8088, 61.1820,
92.4198

■ 9.6652, 12.8106,
23.7540

■ 68.7803, 81.7773,
120.0321

■ 5.2381, 7.2983,
14.9407

■ 90.5567, 106.5424,
152.6598

■ 2.4238, 3.6493,
8.6317

■ 116.5035,
135.8616, 190.7215

■ 0.8570, 1.4794,
4.4082

146.9859,
170.1195, 234.6357

■ 0.0000, 0.2742,
1.8518

182.3693,

■ 0.0000, 0.0000,

209.7002, 284.8210

0.4618

223.0191,
254.9884, 341.6958

■ 0.0000, 0.0000,
0.0000

■ 24.8192, 30.9631,
50.5673

■ 24.8192, 30.9631,
50.5673

■ 22.8221, 28.9106,
50.2770

■ 27.2668, 33.2819,
50.8865

■ 21.2354, 27.1018,
50.0114

■ 30.1945, 35.8809,
51.2338

■ 20.0171, 25.5150,
49.7694

■ 33.6330, 38.7766,
51.6115

■ 19.1009, 24.1160,
49.5476

■ 37.6094, 41.9834,
52.0209

■ 18.9184, 23.8254,
49.5012

■ 42.1489, 45.5144,
52.4632

■ 47.2749, 49.3822,
52.9396

■ 53.0096, 53.5984,
53.4511

■ 59.3740, 58.1741,
53.9989

■ 66.3881, 63.1199,
54.5838

Harmonies

Analogous

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



23.1600, 30.9631, 39.7336



24.8192, 30.9631, 50.5673



27.7943, 30.9631, 57.4336

Triad

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



24.8192, 30.9631, 50.5673



36.8392, 30.9631, 38.7150



27.4859, 30.9631, 17.7923

Complementary

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



24.8192, 30.9631, 50.5673



26.0374, 20.1729, 9.7303

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.



31.1276, 30.9631, 17.6316



24.8192, 30.9631, 50.5673



36.7392, 30.9631, 28.3345

Square

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



24.8192, 30.9631, 50.5673



34.8408, 30.9631, 49.6892



34.5780, 30.9631, 21.0947



24.6097, 30.9631, 21.5917

Rectangle

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



24.8192, 30.9631, 50.5673



30.2175, 30.9631, 58.0738



34.5780, 30.9631, 21.0947



28.6553, 30.9631, 17.3430

Sweetspot

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



24.8202, 30.9643, 50.5680



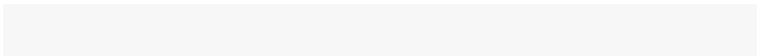
67.7832, 75.5276, 93.2103



22.7631, 37.2269, 17.8920



14.2886, 16.0253, 20.0617



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.8202, 30.9643, 50.5680



40.1595, 50.9979, 89.9315



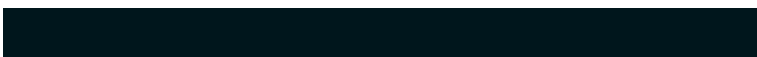
17.4867, 16.2972, 48.1235



9.0984, 9.8741, 11.5058



12.9363, 16.3322, 33.7237



0.4975, 0.6587, 1.2027

Inverse Universe

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



29.2544, 18.3728, 36.1879



49.2196, 27.7782, 59.9877



32.7585, 33.6151, 11.9707



9.2960, 9.1288, 10.9063



17.1433, 8.4311, 19.1733



0.6253, 0.3056, 0.7861

Previews

White Background



This preview shows how the XYZ color 24.8192, 30.9631, 50.5673 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 24.8192, 30.9631, 50.5673 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 24.8192, 30.9631, 50.5673

Background



This preview shows how black text looks on a background with the XYZ color 24.8192, 30.9631, 50.5673.



This preview shows how white text looks on a background with the XYZ color 24.8192, 30.9631,

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

24.8192, 30.9631, 50.5673

Protanopia

30.2610, 30.6492, 45.3953

Deuteranopia

31.1879, 30.5180, 51.8237



Tritanopia

23.9347, 30.8646, 46.2909

Trichromacy



Original Color

24.8192, 30.9631, 50.5673

Protanomaly

27.5774, 30.4308, 47.0681

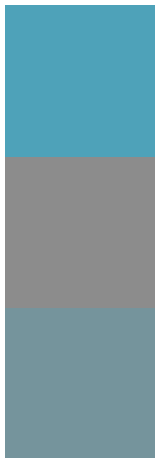
Deuteranomaly

28.0830, 30.1093, 51.3452

Tritanomaly

24.3159, 31.0262, 47.8871

Monochromacy



Original Color

24.8192, 30.9631, 50.5673

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9268, 27.3620, 35.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8192, 30.9631, 50.5673 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(78, 162, 185)` looks like.

```
.text, #text, p{  
    color:rgb(78, 162, 185)  
}
```

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(78, 162, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 162, 185) }
```

Border

The CSS property to change the border of an element to XYZ 24.8192, 30.9631, 50.5673 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(78, 162, 185) }
```


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

```
.border{ border-color:rgb(78, 162, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 162, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(78, 162,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8192, 30.9631, 50.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 162, 185) }
```

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

```
.background{ background-color: rgb(78, 162,  
185) }
```

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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