

Converting Colors

XYZ(24.8228, 32.5110, 41.5383)

Have a look what the booklet for
XYZ(24.8228, 32.5110, 41.5383)
contains.

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Color

**XYZ(24.8183, 32.5022,
41.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	58A7A7
RGB	88, 167, 167
RGB Percent	35%, 65%, 65%
CMY	0.6549, 0.3451, 0.3451
CMYK	0.47, 0.00, 0.00, 0.35
HSL	180°, 31%, 50%
HSV	180°, 47%, 65%
XYZ	24.8183, 32.5022, 41.5247
YIQ	143.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

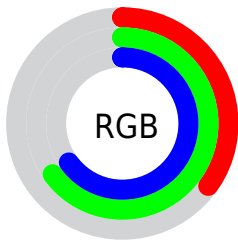
Format	Color
RYB	88, 128, 167
Decimal	5810087
CIELab	63.76, -24.19, -7.53
CIElCh	64, 25.338, 197.282
Yxy	32.5022, 0.2511, 0.3288
Android (android.graphics.Color)	4284000167 (0xFF58A7A7)
YUV	143.3790, 11.6452, -48.5674
Hunter-Lab	57.0107, -22.0628, -3.2774

Details

The XYZ color **24.8183, 32.5022, 41.5247** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.1887, 15.9005, 11.1861**, and the grayscale version is **26.2291, 27.5951, 30.0511**.

A 20% lighter version of the original color is **50.6338, 63.3561, 78.6675**, and **9.7041, 13.7461, 18.3615** is the 20% darker color. If you saturate the color by 10%, you get **23.4152, 31.7797, 41.4596**, and if you desaturate by 10%, it is **26.5854, 33.4140, 41.6083**.

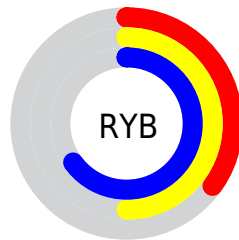
Distribution



Red (35%)

Green (65%)

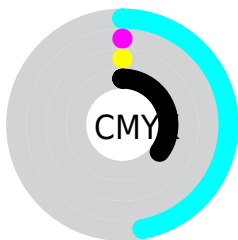
Blue (65%)



Red (35%)

Yellow (50%)

Blue (65%)

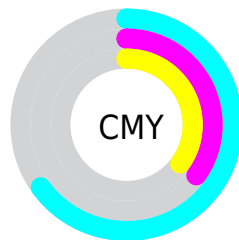


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8183, 32.5022, 41.5247 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 24.8183, 32.5022, 41.5247 by changing the saturation by 10% instead.

■ 24.8183, 32.5022,
41.5247

■ 24.8183, 32.5022,
41.5247

269.2962,
313.4006, 368.2502

■ 16.0697, 21.7454,
28.4065

■ 50.8073, 63.5976,
78.7421

■ 9.6647, 13.6699,
18.3906

■ 68.7785, 84.7049,
103.6783

■ 5.2378, 7.8915,
11.0585

■ 90.5546, 110.0311,
133.3911

■ 2.4236, 4.0256,
5.9915

■ 116.5009,
139.9608, 168.2988

■ 0.8569, 1.6879,
2.7712

146.9829,
174.8781, 208.8200

■ 0.0000, 0.4158,
0.9790

182.3659,

■ 0.0000, 0.0000,

215.1676, 255.3733

0.0000

223.0152,
261.2137, 308.3772

■ 24.8183, 32.5022,
41.5247

■ 24.8183, 32.5022,
41.5247

■ 23.4152, 31.7797,
41.4596

■ 26.5854, 33.4140,
41.6083

■ 22.3482, 31.2296,
41.4095

■ 28.7364, 34.5228,
41.7091

■ 21.5901, 30.8388,
41.3738

■ 31.2931, 35.8408,
41.8290

■ 21.1078, 30.5902,
41.3510

■ 34.2747, 37.3779,
41.9687

■ 20.8506, 30.4576,
41.3388

■ 37.6994, 39.1434,
42.1292

■ 20.7942, 30.4285,
41.3361

■ 41.5843, 41.1461,
42.3111

■ 45.9455, 43.3944,
42.5154

■ 50.7984, 45.8961,
42.7427

■ 56.1576, 48.6589,
42.9937

Harmonies

Analogous

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



24.6968, 32.5022, 31.2548



24.8183, 32.5022, 41.5247



26.4863, 32.5022, 51.7954

Triad

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



24.8183, 32.5022, 41.5247



36.1875, 32.5022, 50.3886



32.4207, 32.5022, 19.5312

Complementary

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



24.8183, 32.5022, 41.5247



21.1887, 15.9005, 11.1861

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.



35.7618, 32.5022, 22.8747



24.8183, 32.5022, 41.5247



38.0460, 32.5022, 39.8733

Square

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



24.8183, 32.5022, 41.5247



32.9663, 32.5022, 57.5480



37.8845, 32.5022, 29.8903



28.9073, 32.5022, 19.8037

Rectangle

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



24.8183, 32.5022, 41.5247



28.3287, 32.5022, 56.6749



37.8845, 32.5022, 29.8903



33.6062, 32.5022, 20.2378

Sweetspot

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



24.8193, 32.5035, 41.5255



57.5885, 64.9835, 74.9827



19.7315, 30.4829, 14.0772



12.6490, 14.4193, 16.7685



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8193, 32.5035, 41.5255



41.7747, 56.8313, 74.2412



18.8267, 20.5181, 39.5288



7.7476, 8.5321, 9.6568



15.9113, 23.2833, 31.6296



0.3871, 0.5665, 0.7696

Inverse Universe

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



21.1887, 15.9005, 11.1861



34.4581, 23.3717, 13.0987



25.1833, 23.8899, 12.5172



7.5311, 7.5423, 7.8482



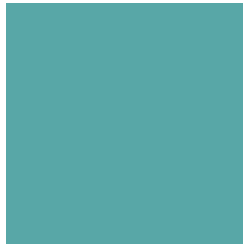
12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 24.8183, 32.5022, 41.5247 looks on a white background.

Color Contrast Check

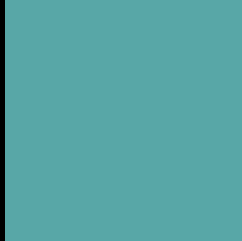
Large Text (above 18pt) WCAG AA × Fail

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 24.8183, 32.5022, 41.5247 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 24.8183, 32.5022, 41.5247

Background



This preview shows how black text looks on a background with the XYZ color 24.8183, 32.5022, 41.5247.

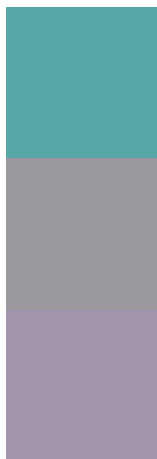


This preview shows how white text looks on a background with the XYZ color 24.8183, 32.5022,

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

24.8183, 32.5022, 41.5247

Protanopia

31.0804, 32.2197, 36.9287

Deuteranopia

32.7961, 32.0122, 42.9785



Tritanopia

26.0054, 32.4403, 47.5388

Trichromacy



Original Color

24.8183, 32.5022, 41.5247

Protanomaly

28.0200, 31.8522, 38.3895

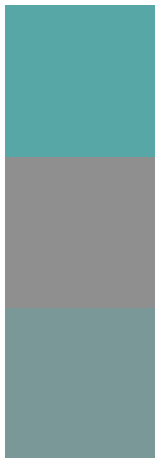
Deuteranomaly

28.9757, 31.7475, 42.6309

Tritanomaly

25.6885, 32.5917, 45.4943

Monochromacy



Original Color

24.8183, 32.5022, 41.5247

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.0641, 28.9344, 33.9696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8183, 32.5022, 41.5247 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(88, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(88, 167, 167)  
}
```

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(88, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 167, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.8183, 32.5022, 41.5247 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(88, 167, 167) }
```


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

```
.border{ border-color:rgb(88, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(88, 167,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8183, 32.5022, 41.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 167, 167) }
```

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

```
.background{ background-color: rgb(88, 167,  
167) }
```

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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