

Converting Colors

XYZ(24.0922, 36.2828, 30.8475)

Have a look what the booklet for
XYZ(24.0922, 36.2828, 30.8475)
contains.

XYZ(24.1556, 36.4267, 30.9572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1556, 36.4267,
30.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB58D
RGB	74, 181, 141
RGB Percent	29%, 71%, 55%
CMY	0.7098, 0.2902, 0.4471
CMYK	0.59, 0.00, 0.22, 0.29
HSL	158°, 42%, 50%
HSV	158°, 59%, 71%
XYZ	24.1556, 36.4267, 30.9572
YIQ	144.4470, -50.9320, -35.1240

Conversions

Conversions Part 2

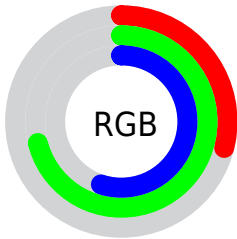
Format	Color
RYB	74, 140, 181
Decimal	4896141
CIELab	66.84, -40.38, 11.32
CIElCh	67, 41.936, 164.334
Yxy	36.4267, 0.2639, 0.3979
Android (android.graphics.Color)	4283086221 (0xFF4AB58D)
YUV	144.4470, -1.6994, -61.7820
Hunter-Lab	60.3545, -34.1797, 11.8370

Details

The XYZ color **24.1556, 36.4267, 30.9572** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.5433, 15.9370, 17.7034**, and the grayscale version is **26.7118, 28.1029, 30.6040**.

A 20% lighter version of the original color is **49.9406, 69.9947, 62.5080**, and **9.4777, 15.9341, 12.4736** is the 20% darker color. If you saturate the color by 10%, you get **22.4694, 35.6148, 28.3303**, and if you desaturate by 10%, it is **26.2754, 37.4605, 33.7666**.

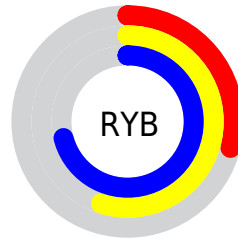
Distribution



Red (29%)

Green (71%)

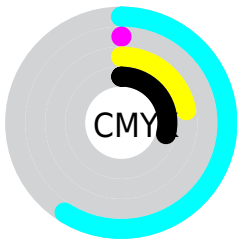
Blue (55%)



Red (29%)

Yellow (55%)

Blue (71%)

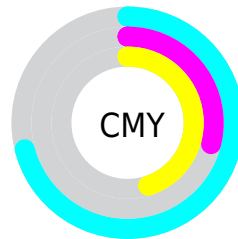


Cyan (59%)

Magenta (0%)

Yellow (22%)

Black (29%)



Cyan (71%)

Magenta (29%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1556, 36.4267, 30.9572 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 24.1556, 36.4267, 30.9572 by changing the saturation by 10% instead.

■ 24.1556, 36.4267,
30.9572

■ 24.1556, 36.4267,
30.9572

266.0321,
330.8217, 320.6862

■ 15.5744, 24.7639,
20.3081

■ 49.7368, 69.6902,
62.2515

■ 9.3125, 15.9013,
12.4329

■ 67.4676, 92.0596,
83.7337

■ 5.0043, 9.4543,
6.9131

■ 88.9790, 118.7668,
109.6640

■ 2.2846, 5.0387,
3.3302

■ 114.6363,
150.1960, 140.4610

■ 0.7867, 2.2700,
1.2656

■ 144.8049,
186.7318, 176.5431

■ 0.0000, 0.7577,
0.0334

179.8502,

■ 0.0000, 0.0000,

228.7584, 218.3290

0.0000

220.1375,
276.6602, 266.2372

■ 24.1556, 36.4267,
30.9572

■ 24.1556, 36.4267,
30.9572

■ 22.4694, 35.6148,
28.3303

■ 26.2754, 37.4605,
33.7666

■ 21.1779, 35.0019,
25.8788

■ 28.8576, 38.7281,
36.7603

■ 20.2399, 34.5679,
23.5988

■ 31.9320, 40.2457,
39.9431

■ 19.5781, 34.2728,
21.4835

■ 35.5247, 42.0268,
43.3188

■ 19.5241, 34.2489,
21.3038

■ 39.6603, 44.0840,
46.8913

■ 44.3614, 46.4289,
50.6641

■ 49.6495, 49.0724,
54.6406

■ 55.5449, 52.0252,
58.8243

■ 62.0670, 55.2969,
63.2184

Harmonies

Analogous

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



26.7785, 36.4267, 19.5549



24.1556, 36.4267, 30.9572



24.0979, 36.4267, 48.9550

Triad

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



24.1556, 36.4267, 30.9572



37.7310, 36.4267, 84.0501



44.1009, 36.4267, 19.9156

Complementary

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



24.1556, 36.4267, 30.9572



24.5433, 15.9370, 17.7034

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.



47.8365, 36.4267, 31.6272



24.1556, 36.4267, 30.9572



43.8657, 36.4267, 70.2652

Square

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



24.1556, 36.4267, 30.9572



31.4320, 36.4267, 83.7037



47.7455, 36.4267, 49.8635



38.0219, 36.4267, 14.6387

Rectangle

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



24.1556, 36.4267, 30.9572



25.4950, 36.4267, 62.8087



47.7455, 36.4267, 49.8635



45.7036, 36.4267, 23.0417

Sweetspot

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



24.1566, 36.4282, 30.9580



64.1881, 75.5476, 78.0881



24.8334, 37.1897, 12.3484



13.4479, 16.1173, 16.4928



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.



24.1566, 36.4282, 30.9580



39.4583, 63.4093, 49.3557



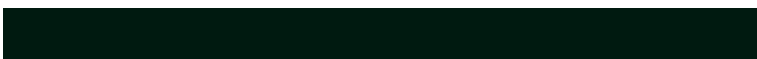
25.2638, 32.9899, 48.7540



8.6052, 9.5766, 10.1807



13.4934, 23.6233, 14.8671



0.4517, 0.7541, 0.6107

Inverse Universe

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



24.5433, 15.9370, 17.7034



40.2479, 23.3524, 23.6124



23.6596, 17.0520, 8.5233



8.6234, 8.5561, 9.5152



13.8803, 7.0697, 4.5299



0.4656, 0.2340, 0.2944

Previews

White Background



This preview shows how the XYZ color 24.1556, 36.4267, 30.9572 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 24.1556, 36.4267, 30.9572 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 24.1556, 36.4267, 30.9572

Background



This preview shows how black text looks on a background with the XYZ color 24.1556, 36.4267, 30.9572.



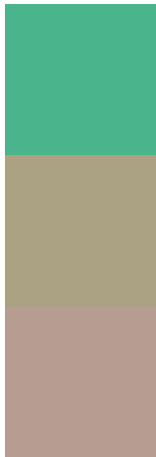
This preview shows how white text looks on a background with the XYZ color 24.1556, 36.4267,

30.9572.

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

24.1556, 36.4267, 30.9572

Protanopia

33.6362, 35.7864, 26.6074

Deuteranopia

36.6052, 35.9195, 32.1980



Tritanopia

28.7317, 36.5077, 53.6765

Trichromacy



Original Color

24.1556, 36.4267, 30.9572



Protanomaly

28.5291, 34.9888, 28.1715



Deuteranomaly

29.8169, 34.7635, 31.5241



Tritanomaly

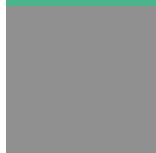
26.8247, 36.3077, 44.6240

Monochromacy



Original Color

24.1556, 36.4267, 30.9572



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.6226, 30.0191, 30.4831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1556, 36.4267, 30.9572 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(74, 181, 141)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 141)  
}
```

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(74, 181, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.1556, 36.4267, 30.9572 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(74, 181, 141) }
```


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

```
.border{ border-color:rgb(74, 181, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 141);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1556, 36.4267, 30.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 141) }
```

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

```
.background{ background-color: rgb(74, 181,  
141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor