

Converting Colors

XYZ(24.1687, 36.7343, 28.2964)

Have a look what the booklet for
XYZ(24.1687, 36.7343, 28.2964)
contains.

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Color

**XYZ(24.2555, 36.8394,
28.3866)**

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 4FB686 |
| RGB | 79, 182, 134 |
| RGB Percent | 31%, 71%, 53% |
| CMY | 0.6902, 0.2863, 0.4745 |
| CMYK | 0.57, 0.00, 0.26, 0.29 |
| HSL | 152°, 41%, 51% |
| HSV | 152°, 57%, 71% |
| XYZ | 24.2555, 36.8394, 28.3866 |
| YIQ | 145.7310, -45.9800, -36.7640 |

Conversions

Conversions Part 2

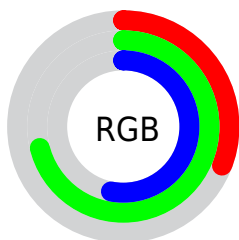
| Format | Color |
|-------------------------------------|---|
| RYB | 79, 146, 182 |
| Decimal | 5224070 |
| CIELab | 67.16, -41.29, 15.61 |
| CIELCh | 67, 44.137, 159.292 |
| Yxy | 36.8394, 0.2711, 0.4117 |
| Android (android.graphics.Color) | 4283414150 (0xFF4FB686) |
| YUV | 145.7310, -5.7834, -58.5231 |
| Hunter-Lab | 60.6955, -34.8838, 14.7576 |

Details

The XYZ color **24.2555, 36.8394, 28.3866** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.9194, 17.0702, 22.0089**, and the grayscale version is **27.2487, 28.6678, 31.2192**.

A 20% lighter version of the original color is **49.9895, 70.5551, 57.9975**, and **9.3319, 16.0849, 11.0004** is the 20% darker color. If you saturate the color by 10%, you get **22.3759, 35.9371, 25.3338**, and if you desaturate by 10%, it is **26.5989, 37.9773, 31.7104**.

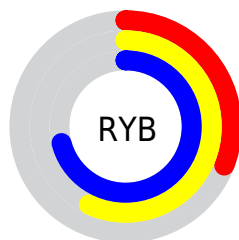
Distribution



Red (31%)

Green (71%)

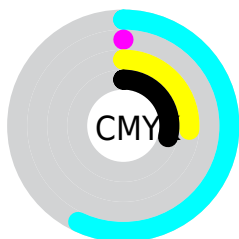
Blue (53%)



Red (31%)

Yellow (57%)

Blue (71%)

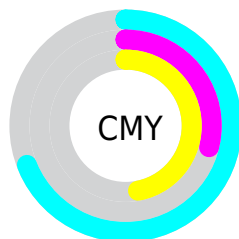


Cyan (57%)

Magenta (0%)

Yellow (26%)

Black (29%)



Cyan (69%)


Magenta (29%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2555, 36.8394, 28.3866 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 24.2555, 36.8394, 28.3866 by changing the saturation by 10% instead.


 24.2555, 36.8394,
28.3866


 24.2555, 36.8394,
28.3866


266.5262,
332.6147, 308.2795


 15.6490, 25.0832,
18.3757


 49.8985, 70.3257,
58.1316


 9.3654, 16.1390,
11.0478


 67.6657, 92.8246,
78.7028

 5.0393, 9.6226,
5.9844


 89.2171, 119.6731,
103.6311

 2.3053, 5.1494,
2.7670

 114.9183,
151.2557, 133.3352

 0.7974, 2.3352,
0.9769

145.1344,
187.9568, 168.2335

 0.0000, 0.7923,
0.0000


180.2308,


 0.0000, 0.0000,


230.1607, 208.7447

0.0000


220.5730,
278.2519, 255.2872


 24.2555, 36.8394,
28.3866


 24.2555, 36.8394,
28.3866


 22.3759, 35.9371,
25.3338


 26.5989, 37.9773,
31.7104


 20.9214, 35.2475,
22.5421


 29.4351, 39.3627,
35.3099


 19.8514, 34.7510,
20.0043


 32.7940, 41.0118,
39.1925


 19.1101, 34.4188,
17.7117


 36.7022, 42.9383,
43.3648


 18.8949, 34.3237,
16.9836

 41.1844, 45.1547,
47.8331

 46.2638, 47.6729,
52.6033

 51.9624, 50.5041,
57.6814

 58.3008, 53.6589,
63.0729

 65.2989, 57.1474,
68.7834

Harmonies

Analogous

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



27.4455, 36.8394, 17.7298



24.2555, 36.8394, 28.3866



23.7378, 36.8394, 46.3955

Triad

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



24.2555, 36.8394, 28.3866



37.1451, 36.8394, 88.9026



46.0100, 36.8394, 20.9286

Complementary

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



24.2555, 36.8394, 28.3866



25.9194, 17.0702, 22.0089

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.



49.3942, 36.8394, 34.4228



24.2555, 36.8394, 28.3866



43.8615, 36.8394, 76.1555

Square

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



24.2555, 36.8394, 28.3866



30.6371, 36.8394, 85.6997



48.5613, 36.8394, 54.6891



39.7908, 36.8394, 14.4806

Rectangle

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



24.2555, 36.8394, 28.3866



24.9017, 36.8394, 61.1034



48.5613, 36.8394, 54.6891



47.5509, 36.8394, 24.5801

Sweetspot

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



24.2565, 36.8409, 28.3874



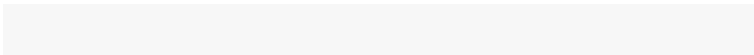
66.0126, 77.5842, 78.0741



26.9028, 38.5392, 13.4185



14.2528, 16.9744, 16.9028



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.



24.2565, 36.8409, 28.3874



39.8205, 64.7957, 44.5890



27.7025, 37.1080, 49.9602



9.0854, 10.1381, 10.6070



13.3767, 24.2516, 12.1715



0.5025, 0.8673, 0.5920

Inverse Universe

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



25.9194, 17.0702, 22.0089



43.1412, 25.4195, 31.9284



23.7538, 16.6106, 9.3519



9.1741, 9.0800, 10.2641



14.8092, 7.4974, 6.8819



0.5534, 0.2768, 0.4075

Previews

White Background



This preview shows how the XYZ color 24.2555, 36.8394, 28.3866 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 24.2555, 36.8394, 28.3866 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 24.2555, 36.8394, 28.3866

Background



This preview shows how black text looks on a background with the XYZ color 24.2555, 36.8394, 28.3866.

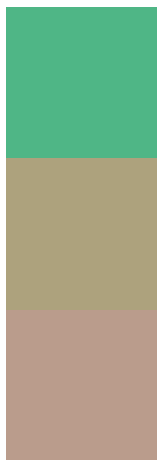


This preview shows how white text looks on a background with the XYZ color 24.2555, 36.8394,

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

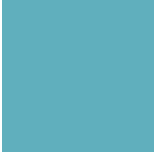
24.2555, 36.8394, 28.3866

Protanopia

33.8556, 36.2056, 24.6060

Deuteranopia

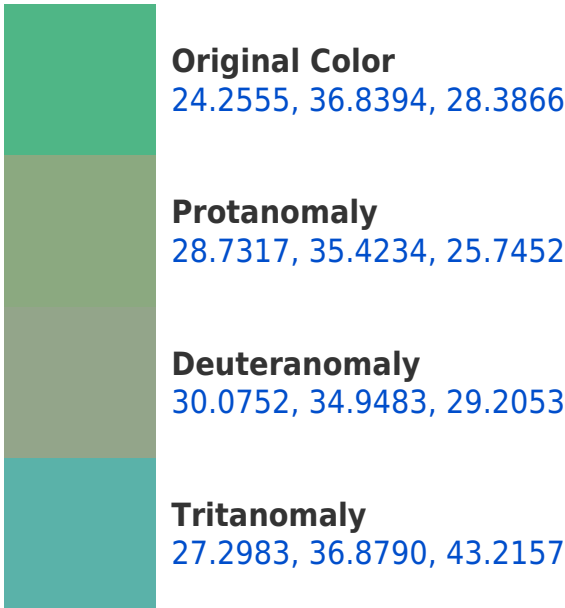
36.8718, 36.1095, 29.8374



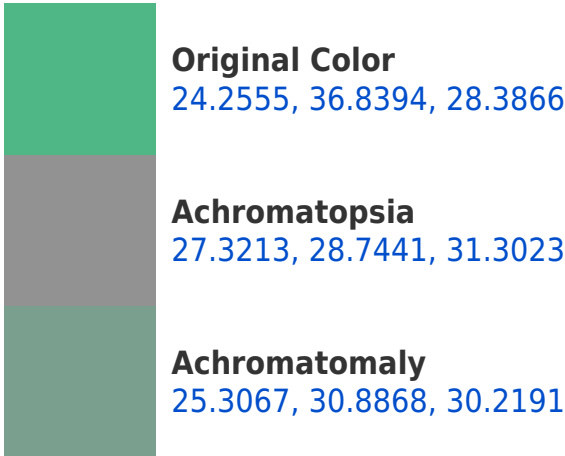
Tritanopia

29.3392, 36.8209, 53.7049

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2555, 36.8394, 28.3866 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(79, 182, 134)` looks like.

```
.text, #text, p{  
    color:rgb(79, 182, 134)  
}
```

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(79, 182, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 182, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.2555, 36.8394, 28.3866 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(79, 182, 134) }
```


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

```
.border{ border-color:rgb(79, 182, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 182, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 182, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 182, 134);  
box-shadow:4px 4px 4px 4px rgb(79, 182,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2555, 36.8394, 28.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 182, 134) }
```

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

```
.background{ background-color: rgb(79, 182,  
134) }
```

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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