

Converting Colors

XYZ(22.1691, 32.0434, 25.3021)

Have a look what the booklet for
XYZ(22.1691, 32.0434, 25.3021)
contains.

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Color

**XYZ(22.2041, 32.0583,
25.4397)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59A980 |
| RGB | 89, 169, 128 |
| RGB Percent | 35%, 66%, 50% |
| CMY | 0.6510, 0.3372, 0.4980 |
| CMYK | 0.47, 0.00, 0.24, 0.34 |
| HSL | 149°, 32%, 51% |
| HSV | 149°, 47%, 66% |
| XYZ | 22.2041, 32.0583, 25.4397 |
| YIQ | 140.4060, -34.5190, -29.7110 |

Conversions

Conversions Part 2

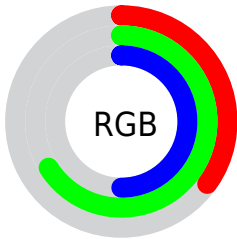
| Format | Color |
|-------------------------------------|---|
| RYB | 89, 143, 169 |
| Decimal | 5876096 |
| CIELab | 63.39, -34.26, 13.70 |
| CIELCh | 63, 36.898, 158.206 |
| Yxy | 32.0583, 0.2786, 0.4022 |
| Android (android.graphics.Color) | 4284066176 (0xFF59A980) |
| YUV | 140.4060, -6.1162, -45.0831 |
| Hunter-Lab | 56.6200, -29.0846, 12.9947 |

Details

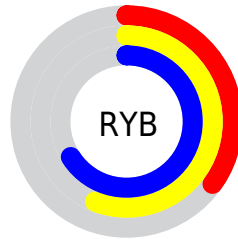
The XYZ color **22.2041, 32.0583, 25.4397** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.9649, 17.1923, 23.1757**, and the grayscale version is **25.1187, 26.4268, 28.7788**.

A 20% lighter version of the original color is **46.5934, 63.0263, 53.4256**, and **8.2839, 13.3786, 9.5429** is the 20% darker color. If you saturate the color by 10%, you get **20.2189, 31.0988, 22.4970**, and if you desaturate by 10%, it is **24.6120, 33.2318, 28.6576**.

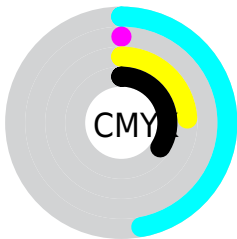
Distribution



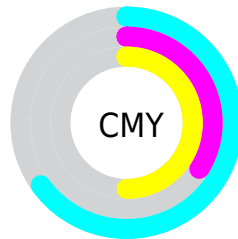
- Red (35%)
- Green (66%)
- Blue (50%)



- Red (35%)
- Yellow (56%)
- Blue (66%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)



- Cyan (65%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2041, 32.0583, 25.4397 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 22.2041, 32.0583, 25.4397 by changing the saturation by 10% instead.

■ 22.2041, 32.0583,
25.4397

■ 22.2041, 32.0583,
25.4397

256.2227,
311.3847, 293.5381

■ 14.1244, 21.4060,
16.1830

■ 46.5594, 62.9025,
53.3426

■ 8.2895, 13.4211,
9.4980

■ 63.5658, 83.8632,
72.8258

■ 4.3341, 7.7192,
4.9662

■ 84.2784, 109.0288,
96.5549

■ 1.8928, 3.9158,
2.1690

■ 109.0626,
138.7838, 124.9485

■ 0.5727, 1.6266,
0.6564

138.2838,
173.5124, 158.4251

■ 0.0000, 0.3754,
0.0000

172.3073,

■ 0.0000, 0.0000,

213.5992, 197.4032

0.0000

211.4985,
259.4285, 242.3013

■ 22.2041, 32.0583,
25.4397

■ 22.2041, 32.0583,
25.4397

■ 20.2189, 31.0988,
22.4970

■ 24.6120, 33.2318,
28.6576

■ 18.6267, 30.3357,
19.8199

■ 27.4647, 34.6279,
32.1559

■ 17.3981, 29.7546,
17.4010


■ 30.7854, 36.2594,
35.9421


■ 16.4979, 29.3376,
15.2318


■ 34.5953, 38.1371,
40.0231


■ 15.8724, 29.0572,
13.3027


■ 38.9140, 40.2710,
44.4051

 15.7263, 28.9922,
12.8273

 43.7601, 42.6705,
49.0945

 49.1513, 45.3446,
54.0973

 55.1043, 48.3018,
59.4193

 61.6352, 51.5504,
65.0663

Harmonies

Analogous

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



24.7717, 32.0583, 17.0913



22.2041, 32.0583, 25.4397



21.7189, 32.0583, 39.0924

Triad

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



22.2041, 32.0583, 25.4397



31.8991, 32.0583, 70.9628



38.8904, 32.0583, 20.1960

Complementary

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



22.2041, 32.0583, 25.4397



23.9649, 17.1923, 23.1757

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.



41.3043, 32.0583, 31.0298



22.2041, 32.0583, 25.4397



36.9823, 32.0583, 62.1179

Square

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



22.2041, 32.0583, 25.4397



26.9556, 32.0583, 68.2248



40.5694, 32.0583, 46.4701



34.2783, 32.0583, 14.7084

Rectangle

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



22.2041, 32.0583, 25.4397



22.5836, 32.0583, 50.0203



40.5694, 32.0583, 46.4701



40.0081, 32.0583, 23.1916

Sweetspot

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



22.2050, 32.0596, 25.4404



57.1435, 65.9260, 66.5667



25.2494, 33.8708, 14.6586



12.1585, 14.2231, 14.1856



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.



22.2050, 32.0596, 25.4404



35.9929, 55.5897, 39.9470



25.3457, 33.3159, 41.9795



7.5834, 8.4664, 8.7924



11.7472, 21.6176, 9.7014



0.3118, 0.5363, 0.3727

Inverse Universe

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



23.9649, 17.1923, 23.1757



39.5360, 25.6465, 35.3785



21.7952, 16.3244, 11.7501



7.6856, 7.6041, 8.6613



13.4922, 6.8056, 7.4037



0.3540, 0.1759, 0.3156

Previews

White Background



This preview shows how the XYZ color 22.2041, 32.0583, 25.4397 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 22.2041, 32.0583, 25.4397 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 22.2041, 32.0583, 25.4397

Background



This preview shows how black text looks on a background with the XYZ color 22.2041, 32.0583, 25.4397.



This preview shows how white text looks on a background with the XYZ color 22.2041, 32.0583,

25.4397.

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

22.2041, 32.0583, 25.4397

Protanopia

29.5187, 31.4939, 22.2924

Deuteranopia

32.1229, 31.5596, 26.5888



Tritanopia

26.3005, 32.0957, 45.8832

Trichromacy



Original Color

22.2041, 32.0583, 25.4397

Protanomaly

25.7937, 31.0347, 23.3697

Deuteranomaly

27.1458, 30.9210, 26.0103

Tritanomaly

24.6429, 31.9549, 37.6700

Monochromacy



Original Color

22.2041, 32.0583, 25.4397

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.3957, 27.9757, 27.4593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2041, 32.0583, 25.4397 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, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(89, 169, 128)  
}
```

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, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 169, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.2041, 32.0583, 25.4397 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, 169, 128) }
```


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

```
.border{ border-color:rgb(89, 169, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 169, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(89, 169,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2041, 32.0583, 25.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 169, 128) }
```

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

```
.background{ background-color: rgb(89, 169,  
128) }
```

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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