

Converting Colors

XYZ(32.0595, 34.2277, 25.3390)

Have a look what the booklet for
XYZ(32.0595, 34.2277, 25.3390)
contains.

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Color

**XYZ(32.0595, 34.2277,
25.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	A79E80
RGB	167, 158, 128
RGB Percent	65%, 62%, 50%
CMY	0.3451, 0.3804, 0.4980
CMYK	0.00, 0.05, 0.23, 0.35
HSL	46°, 18%, 58%
HSV	46°, 23%, 65%
XYZ	32.0595, 34.2277, 25.3390
YIQ	157.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

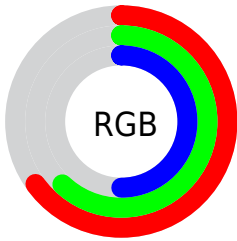
Format	Color
RYB	140, 167, 128
Decimal	10985088
CIELab	65.14, -1.70, 16.88
CIElCh	65, 16.968, 95.760
Yxy	34.2277, 0.3499, 0.3736
Android (android.graphics.Color)	4289175168 (0xFFA79E80)
YUV	157.2710, -14.4306, 8.5323
Hunter-Lab	58.5044, -4.5676, 15.2739

Details

The XYZ color **32.0595, 34.2277, 25.3390** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8227, 25.2700, 40.1287**, and the grayscale version is **32.2288, 33.9072, 36.9250**.

A 20% lighter version of the original color is **62.2589, 66.4543, 53.2616**, and **13.7392, 14.7247, 9.5152** is the 20% darker color. If you saturate the color by 10%, you get **30.4030, 32.5312, 19.8028**, and if you desaturate by 10%, it is **33.9194, 36.0408, 31.8364**.

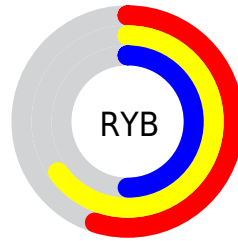
Distribution



Red (65%)

Green (62%)

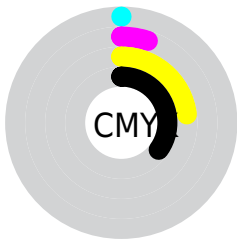
Blue (50%)



Red (55%)

Yellow (65%)

Blue (50%)

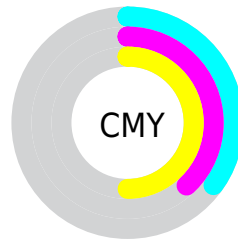


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0595, 34.2277, 25.3390 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 32.0595, 34.2277, 25.3390 by changing the saturation by 10% instead.

■ 32.0595, 34.2277,
25.3390

■ 32.0595, 34.2277,
25.3390

303.1307,
321.1462, 293.0235

■ 21.5627, 23.0686,
16.1085

■ 62.2689, 66.2876,
53.1776

■ 13.6507, 14.6442,
9.4458

■ 82.7123, 87.9572,
72.6227

■ 7.9582, 8.5700,
4.9323

■ 107.2018,
113.8990, 96.3098

■ 4.1198, 4.4618,
2.1495

136.1030,
144.4975, 124.6574

■ 1.7701, 1.9351,
0.6450

169.7811,
180.1371, 158.0840

■ 0.4996, 0.5694,
0.0000

208.6015,

■ 0.0000, 0.0000,

221.2021, 197.0082

0.0000

252.9296,
268.0770, 241.8486

■ 32.0595, 34.2277,
25.3390

■ 32.0595, 34.2277,
25.3390

■ 30.4030, 32.5312,
19.8028

■ 33.9194, 36.0408,
31.8364

■ 28.9381, 30.9429,
15.1791

■ 35.9883, 37.9697,
39.3363

■ 27.6560, 29.4601,
11.4179

■ 38.2751, 40.0192,
47.8801

■ 26.5459, 28.0781,
8.4639

■ 40.7874, 42.1927,
57.5065

■ 25.5959, 26.7919,
6.2549

■ 43.5321, 44.4933,
68.2520

■ 24.7923, 25.5957,
4.7199

■ 46.5160, 46.9241,
80.1513

■ 24.1188, 24.4827,
3.7741

■ 49.7457, 49.4878,
93.2378

■ 23.7180, 23.7786,
3.3397

■ 52.1460, 51.7546,
101.8490

■ 52.9847, 53.4321,
102.1286

Harmonies

Analogous

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



34.5153, 34.2277, 26.2205



32.0595, 34.2277, 25.3390



29.8431, 34.2277, 27.3119

Triad

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



32.0595, 34.2277, 25.3390



28.8395, 34.2277, 45.7676



37.0436, 34.2277, 43.1172

Complementary

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



32.0595, 34.2277, 25.3390



24.8227, 25.2700, 40.1287

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.



35.3786, 34.2277, 49.3904



32.0595, 34.2277, 25.3390



30.6269, 34.2277, 51.0507

Square

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



32.0595, 34.2277, 25.3390



28.0452, 34.2277, 38.6458



33.0099, 34.2277, 52.4535



37.4744, 34.2277, 35.9237

Rectangle

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



32.0595, 34.2277, 25.3390



28.7730, 34.2277, 30.1472



33.0099, 34.2277, 52.4535



36.6057, 34.2277, 45.4304

Sweetspot

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



32.0604, 34.2292, 25.3397



63.0089, 66.6721, 65.1633



28.1784, 25.4633, 27.1347



14.0532, 14.8763, 14.4113



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.



32.0604, 34.2292, 25.3397



55.8438, 59.7097, 40.0610



31.5420, 36.3241, 25.7714



7.9980, 8.4760, 8.0038



18.1875, 18.2722, 2.5683



0.4775, 0.5145, 0.0741

Inverse Universe

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



24.8227, 25.2700, 40.1287



40.5998, 40.8426, 71.2189



25.2422, 23.6663, 39.7971



7.2670, 7.5710, 9.4967



5.9128, 3.2857, 28.2981



0.1809, 0.1541, 0.7009

Previews

White Background



This preview shows how the XYZ color 32.0595, 34.2277, 25.3390 looks on a white background.

Color Contrast Check

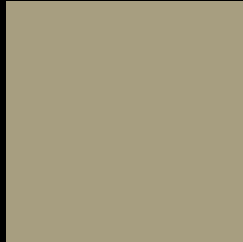
Large Text (above 18pt) WCAG AA × Fail

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 32.0595, 34.2277, 25.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

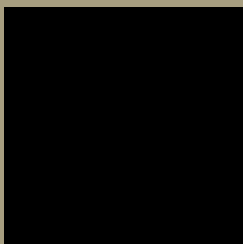
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

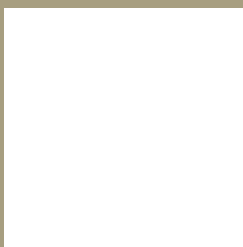
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0595, 34.2277, 25.3390

Background



This preview shows how black text looks on a background with the XYZ color 32.0595, 34.2277, 25.3390.



This preview shows how white text looks on a background with the XYZ color 32.0595, 34.2277,

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

32.0595, 34.2277, 25.3390

Protanopia

32.2716, 34.3371, 25.3489

Deuteranopia

34.7191, 34.1087, 25.5226



Tritanopia

35.1960, 34.2697, 40.3570

Trichromacy



Original Color

32.0595, 34.2277, 25.3390

Protanomaly

32.2716, 34.3371, 25.3489

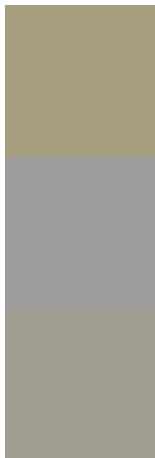
Deuteranomaly

33.6495, 34.0433, 25.5664

Tritanomaly

33.9664, 34.2557, 34.5276

Monochromacy



Original Color

32.0595, 34.2277, 25.3390

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.9432, 33.7663, 32.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0595, 34.2277, 25.3390 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(167, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 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(167, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.0595, 34.2277, 25.3390 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(167, 158, 128) }
```


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

```
.border{ border-color:rgb(167, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0595, 34.2277, 25.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 128) }
```

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

```
.background{ background-color: rgb(167,  
158, 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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