

Converting Colors

XYZ(32.4087, 32.4318, 20.7463)

Have a look what the booklet for
XYZ(32.4087, 32.4318, 20.7463)
contains.

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Color

**XYZ(32.5913, 32.6342,
20.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	B39673
RGB	179, 150, 115
RGB Percent	70%, 59%, 45%
CMY	0.2980, 0.4117, 0.5490
CMYK	0.00, 0.16, 0.36, 0.30
HSL	33°, 30%, 58%
HSV	33°, 36%, 70%
XYZ	32.5913, 32.6342, 20.8009
YIQ	154.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

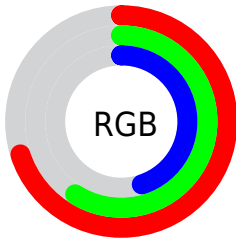
Format	Color
RYB	168, 179, 115
Decimal	11769459
CIELab	63.86, 5.73, 22.51
CIElCh	64, 23.225, 75.729
Yxy	32.6342, 0.3789, 0.3794
Android (android.graphics.Color)	4289959539 (0xFFB39673)
YUV	154.6810, -19.5627, 21.3278
Hunter-Lab	57.1264, 1.8654, 18.3997

Details

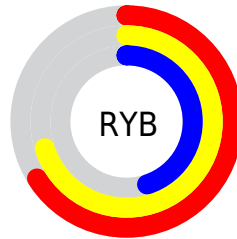
The XYZ color **32.5913, 32.6342, 20.8009** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.1799, 26.8452, 46.5025**, and the grayscale version is **31.0903, 32.7094, 35.6205**.

A 20% lighter version of the original color is **63.1600, 63.8086, 45.5466**, and **13.9324, 13.6889, 7.2181** is the 20% darker color. If you saturate the color by 10%, you get **30.4102, 29.7634, 15.4761**, and if you desaturate by 10%, it is **35.0637, 35.7672, 27.2103**.

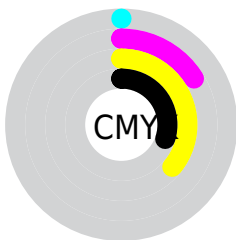
Distribution



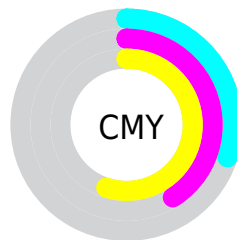
- Red (70%)
- Green (59%)
- Blue (45%)



- Red (66%)
- Yellow (70%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (30%)





- Cyan (30%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5913, 32.6342, 20.8009 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 32.5913, 32.6342, 20.8009 by changing the saturation by 10% instead.


 32.5913, 32.6342,
20.8009


 32.5913, 32.6342,
20.8009


305.5017,
313.9982, 268.9647

 21.9713, 21.8464,
12.7887


 63.0959, 63.8040,
45.6324

 13.9523, 13.7441,
7.1542


 83.7111, 84.9548,
63.2888

 8.1690, 7.9429,
3.4788

 108.3889,
110.3286, 84.9971

 4.2560, 4.0584,
1.3440

 137.4944,
140.3100, 111.1757

 1.8479, 1.7063,
0.0975

171.3931,
175.2832, 142.2432

 0.5463, 0.4277,
0.0000

210.4503,

 0.0000, 0.0000,

215.6327, 178.6182

0.0000

255.0314,
261.7429, 220.7192

■ 32.5913, 32.6342,
20.8009

■ 32.5913, 32.6342,
20.8009

■ 30.4102, 29.7634,
15.4761

■ 35.0637, 35.7672,
27.2103

■ 28.5045, 27.1419,
11.1722

■ 37.8373, 39.1657,
34.7591

■ 26.8603, 24.7626,
7.8215

■ 40.9246, 42.8385,
43.5010

■ 25.4612, 22.6158,
5.3476

■ 44.3365, 46.7926,
53.4854

■ 24.2887, 20.6907,
3.6619

■ 48.0835, 51.0348,
64.7590

■ 23.3194, 18.9749,
2.6517

■ 52.1753, 55.5715,
77.3661

■ 22.9489, 18.3007,
2.3228

■ 56.6215, 60.4090,
91.3489

■ 60.9113, 65.3454,
104.0103

■ 63.0264, 69.5756,
104.7153

Harmonies

Analogous

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



35.6100, 32.6342, 24.1507



32.5913, 32.6342, 20.8009



29.3468, 32.6342, 20.8839

Triad

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



32.5913, 32.6342, 20.8009



25.3587, 32.6342, 40.6337



35.7340, 32.6342, 49.6200

Complementary

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



32.5913, 32.6342, 20.8009



25.1799, 26.8452, 46.5025

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.



32.7511, 32.6342, 55.8020



32.5913, 32.6342, 20.8009



26.8385, 32.6342, 50.0255

Square

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



32.5913, 32.6342, 20.8009



25.3225, 32.6342, 31.2826



29.4958, 32.6342, 55.9623



37.5088, 32.6342, 40.1521

Rectangle

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



32.5913, 32.6342, 20.8009



27.4942, 32.6342, 22.8443



29.4958, 32.6342, 55.9623



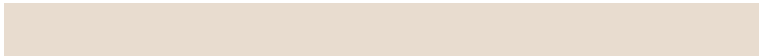
34.8304, 32.6342, 52.2190

Sweetspot

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



32.5921, 32.6357, 20.8016



70.2201, 73.0875, 69.1334



29.8220, 23.8857, 29.7731



15.3955, 15.9995, 14.8604



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.



32.5921, 32.6357, 20.8016



55.2151, 54.3113, 29.4992



37.3159, 42.8097, 22.5164



8.8686, 9.2498, 8.9705



16.2825, 13.0635, 1.6633



0.5697, 0.5257, 0.0715

Inverse Universe

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



25.1799, 26.8452, 46.5025



39.9467, 42.3889, 82.4576



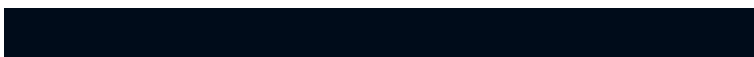
21.6218, 19.3077, 45.2351



8.3485, 8.8432, 10.7732



7.8976, 6.5955, 30.9938



0.3070, 0.3246, 0.9947

Previews

White Background



This preview shows how the XYZ color 32.5913, 32.6342, 20.8009 looks on a white background.

Color Contrast Check

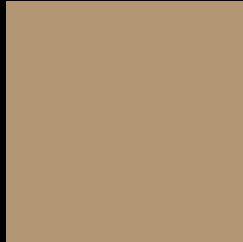
Large Text (above 18pt) WCAG AA × Fail

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 32.5913, 32.6342, 20.8009 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 32.5913, 32.6342, 20.8009

Background



This preview shows how black text looks on a background with the XYZ color 32.5913, 32.6342, 20.8009.



This preview shows how white text looks on a background with the XYZ color 32.5913, 32.6342,

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

32.5913, 32.6342, 20.8009

Protanopia

30.6581, 32.8340, 21.5514

Deuteranopia

33.2129, 32.4849, 20.7394



Tritanopia

35.6546, 32.7184, 35.8886

Trichromacy



Original Color

32.5913, 32.6342, 20.8009

Protanomaly

31.3382, 32.7013, 21.1833

Deuteranomaly

33.1334, 32.6778, 20.7808

Tritanomaly

34.5328, 32.7356, 29.6978

Monochromacy



Original Color

32.5913, 32.6342, 20.8009

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4347, 32.5684, 29.4405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5913, 32.6342, 20.8009 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(179, 150, 115)` looks like.

```
.text, #text, p{  
    color:rgb(179, 150, 115)  
}
```

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(179, 150, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 150, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.5913, 32.6342, 20.8009 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(179, 150, 115) }
```


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

```
.border{ border-color:rgb(179, 150, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 150, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 150, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 150, 115);  
box-shadow:4px 4px 4px 4px rgb(179, 150,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5913, 32.6342, 20.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 150, 115) }
```

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

```
.background{ background-color: rgb(179,  
150, 115) }
```

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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