

Converting Colors

XYZ(32.5720, 34.8807, 31.2024)

Have a look what the booklet for
XYZ(32.5720, 34.8807, 31.2024)
contains.

XYZ(32.5051, 34.8366, 31.3965)	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(32.5051, 34.8366,
31.3965)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A090
RGB	162, 160, 144
RGB Percent	64%, 63%, 56%
CMY	0.3647, 0.3725, 0.4353
CMYK	0.00, 0.01, 0.11, 0.36
HSL	53°, 9%, 60%
HSV	53°, 11%, 64%
XYZ	32.5051, 34.8366, 31.3965
YIQ	158.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

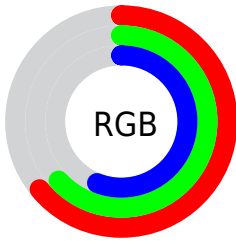
Format	Color
RYB	146, 162, 144
Decimal	10657936
CIELab	65.62, -2.16, 8.60
CIELCh	66, 8.863, 104.104
Yxy	34.8366, 0.3292, 0.3528
Android (android.graphics.Color)	4288848016 (0xFFA2A090)
YUV	158.7740, -7.2836, 2.8292
Hunter-Lab	59.0225, -4.9853, 9.7770

Details

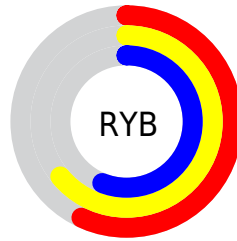
The XYZ color **32.5051, 34.8366, 31.3965** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.3020, 29.0951, 38.3069**, and the grayscale version is **32.8824, 34.5948, 37.6738**.

A 20% lighter version of the original color is **63.1088, 67.4298, 63.1151**, and **13.9194, 15.0604, 12.7630** is the 20% darker color. If you saturate the color by 10%, you get **31.0458, 33.7592, 25.2334**, and if you desaturate by 10%, it is **34.1485, 35.9971, 38.4984**.

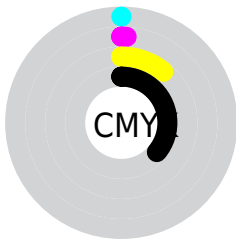
Distribution



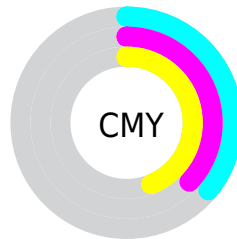
- Red (64%)
- Green (63%)
- Blue (56%)



- Red (57%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (36%)



- Cyan (36%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5051, 34.8366, 31.3965 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 32.5051, 34.8366, 31.3965 by changing the saturation by 10% instead.

■ 32.5051, 34.8366,
31.3965

■ 32.5051, 34.8366,
31.3965

305.1183,
323.8465, 322.7684

■ 21.9050, 23.5370,
20.6400

■ 62.9620, 67.2326,
62.9507

■ 13.9033, 14.9905,
12.6724

■ 83.5494, 89.0977,
84.5854

■ 8.1347, 8.8128,
7.0753

108.1967,
115.2536, 110.6832

■ 4.2338, 4.6192,
3.4301

137.2693,
146.0845, 141.6627

■ 1.8352, 2.0256,
1.3182

171.1323,
181.9748, 177.9425

■ 0.5388, 0.6223,
0.0766

210.1513,

■ 0.0000, 0.0000,

223.3090, 219.9410

0.0000

254.6915,
270.4714, 268.0768

■ 32.5051, 34.8366,
31.3965

■ 32.5051, 34.8366,
31.3965

■ 31.0458, 33.7592,
25.2334

■ 34.1485, 35.9971,
38.4984

■ 29.7603, 32.7574,
19.9673

■ 35.9802, 37.2391,
46.5743

■ 28.6414, 31.8293,
15.5564

■ 38.0080, 38.5667,
55.6602

■ 27.6803, 30.9715,
11.9548

■ 40.2382, 39.9826,
65.7894

■ 26.8675, 30.1800,
9.1120

■ 42.6770, 41.4893,
76.9942

■ 26.1923, 29.4507,
6.9724

■ 45.3300, 43.0890,
89.3049

■ 25.6426, 28.7786,
5.4722

■ 47.8139, 44.6284,
100.7018

■ 25.2043, 28.1580,
4.5365

■ 48.1597, 45.3200,
100.8171

■ 24.8786, 27.6378,
4.0234

■ 48.5101, 46.0209,
100.9339

Harmonies

Analogous

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



33.8013, 34.8366, 31.4477



32.5051, 34.8366, 31.3965



31.4000, 34.8366, 33.0142

Triad

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



32.5051, 34.8366, 31.3965



31.3466, 34.8366, 43.1406



35.5766, 34.8366, 39.9281

Complementary

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



32.5051, 34.8366, 31.3965



28.3020, 29.0951, 38.3069

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.



34.8834, 34.8366, 43.3135



32.5051, 34.8366, 31.3965



32.4305, 34.8366, 45.2496

Square

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



32.5051, 34.8366, 31.3965



30.7430, 34.8366, 39.7044



33.7247, 34.8366, 45.3149



35.5978, 34.8366, 36.2114

Rectangle

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



32.5051, 34.8366, 31.3965



30.9107, 34.8366, 34.8865



33.7247, 34.8366, 45.3149



35.4136, 34.8366, 41.1479

Sweetspot

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



32.5060, 34.8381, 31.3972



61.3871, 64.9290, 67.2451



30.0700, 29.7068, 31.3845



13.7331, 14.5449, 14.8672



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5060, 34.8381, 31.3972



58.4185, 62.8155, 54.4675



31.4915, 34.8330, 31.4497



7.5820, 8.1025, 7.5444



19.6193, 21.8124, 3.1762



0.4300, 0.4939, 0.0727

Inverse Universe

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



28.3020, 29.0951, 38.3069



49.4493, 50.5631, 69.2095



29.2392, 29.1254, 38.2633



6.7608, 6.9806, 8.8941



5.3250, 2.4293, 27.1180



0.1294, 0.0862, 0.5757

Previews

White Background



This preview shows how the XYZ color 32.5051, 34.8366, 31.3965 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 32.5051, 34.8366, 31.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

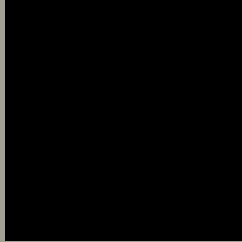
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5051, 34.8366, 31.3965

Background



This preview shows how black text looks on a background with the XYZ color 32.5051, 34.8366, 31.3965.



This preview shows how white text looks on a background with the XYZ color 32.5051, 34.8366,

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

32.5051, 34.8366, 31.3965

Protanopia

33.0819, 34.8864, 30.9768

Deuteranopia

35.4888, 34.8588, 31.6460



Tritanopia

34.5669, 34.6408, 42.4006

Trichromacy



Original Color

32.5051, 34.8366, 31.3965

Protanomaly

32.8731, 34.7788, 30.9670

Deuteranomaly

34.2329, 34.7055, 31.6826

Tritanomaly

33.7120, 34.5445, 38.1487

Monochromacy



Original Color

32.5051, 34.8366, 31.3965

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7281, 34.6030, 35.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5051, 34.8366, 31.3965 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(162, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 144)  
}
```

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(162, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.5051, 34.8366, 31.3965 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(162, 160, 144) }
```


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

```
.border{ border-color:rgb(162, 160, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5051, 34.8366, 31.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 144) }
```

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

```
.background{ background-color: rgb(162,  
160, 144) }
```

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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