

Converting Colors

XYZ(33.1936, 32.5289, 40.1504)

Have a look what the booklet for
XYZ(33.1936, 32.5289, 40.1504)
contains.

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Color

**XYZ(33.2149, 32.5286,
40.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	A596A5
RGB	165, 150, 165
RGB Percent	65%, 59%, 65%
CMY	0.3529, 0.4117, 0.3529
CMYK	0.00, 0.09, 0.00, 0.35
HSL	300°, 8%, 62%
HSV	300°, 9%, 65%
XYZ	33.2149, 32.5286, 40.1253
YIQ	156.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

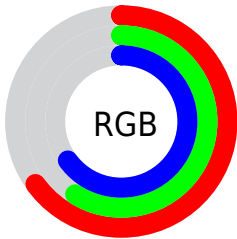
Format	Color
R_{YB}	165, 150, 165
Decimal	10852005
CIE Lab	63.78, 8.31, -5.84
CIE LCh	64, 10.162, 324.909
Yxy	32.5286, 0.3137, 0.3073
Android (android.graphics.Color)	4289042085 (0xFFA596A5)
YUV	156.1950, 4.3409, 7.7220
Hunter-Lab	57.0338, 4.1441, -1.7889

Details

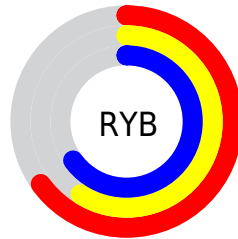
The XYZ color **33.2149, 32.5286, 40.1253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5391, 35.5972, 34.0645**, and the grayscale version is **31.6677, 33.3168, 36.2820**.

A 20% lighter version of the original color is **64.0263, 63.5687, 76.6056**, and **14.2525, 13.6266, 17.5018** is the 20% darker color. If you saturate the color by 10%, you get **30.7655, 27.6294, 39.3091**, and if you desaturate by 10%, it is **36.0369, 38.1721, 41.0664**.

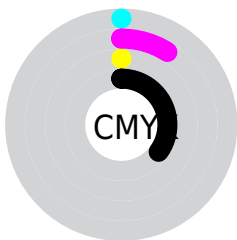
Distribution



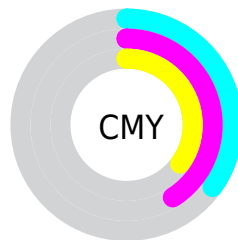
- Red (65%)
- Green (59%)
- Blue (65%)



- Red (65%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2149, 32.5286, 40.1253 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 33.2149, 32.5286, 40.1253 by changing the saturation by 10% instead.

■ 33.2149, 32.5286,
40.1253

■ 33.2149, 32.5286,
40.1253

308.2649,
313.5202, 362.2192

■ 22.4511, 21.7656,
27.3217

■ 64.0633, 63.6389,
76.5935

■ 14.3072, 13.6847,
17.5804

■ 84.8787, 84.7549,
101.0951

■ 8.4178, 7.9017,
10.4829

109.7754,
110.0907, 130.3332

■ 4.4175, 4.0321,
5.6105

139.1186,
140.0306, 164.7263

■ 1.9409, 1.6916,
2.5448

173.2738,
174.9592, 204.6929

■ 0.6004, 0.4182,
0.8638

212.6064,

■ 0.0000, 0.0000,

215.2607, 250.6515

0.0000

257.4816,
261.3196, 303.0208

■ 33.2149, 32.5286,
40.1253

■ 33.2149, 32.5286,
40.1253

■ 30.7655, 27.6294,
39.3091

■ 36.0369, 38.1721,
41.0664

■ 28.6706, 23.4395,
38.6107

■ 39.2432, 44.5847,
42.1353

■ 26.9145, 19.9273,
38.0253

■ 42.8486, 51.7954,
43.3372

■ 25.4794, 17.0572,
37.5468

■ 46.8659, 59.8300,
44.6764

■ 24.3460, 14.7905,
37.1690

■ 51.3078, 68.7137,
46.1571

■ 23.4928, 13.0840,
36.8845

■ 56.1861, 78.4703,
47.7833

■ 22.8953, 11.8891,
36.6852

■ 58.0690, 82.2361,
48.4110

■ 22.5251, 11.1487,
36.5617

■ 58.0690, 82.2362,
48.4111

■ 22.3250, 10.7487,
36.4950

■ 58.0691, 82.2362,
48.4112

Harmonies

Analogous

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



32.0863, 32.5286, 43.0256



33.2149, 32.5286, 40.1253



33.7288, 32.5286, 36.1193

Triad

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



33.2149, 32.5286, 40.1253



31.1613, 32.5286, 28.1604



28.4975, 32.5286, 38.8283

Complementary

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



33.2149, 32.5286, 40.1253



31.5391, 35.5972, 34.0645

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.



28.2669, 32.5286, 34.7260



33.2149, 32.5286, 40.1253



29.7773, 32.5286, 28.7648

Square

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



33.2149, 32.5286, 40.1253



32.5201, 32.5286, 29.3754



28.7285, 32.5286, 31.0943



29.3683, 32.5286, 42.2374

Rectangle

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



33.2149, 32.5286, 40.1253



33.6425, 32.5286, 33.4366



28.7285, 32.5286, 31.0943



28.3437, 32.5286, 37.4764

Sweetspot

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



33.2158, 32.5300, 40.1260



62.4539, 64.1931, 72.8511



30.2770, 31.0150, 39.9886



13.5665, 13.8596, 15.8976



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.



33.2158, 32.5300, 40.1260



58.5050, 56.2954, 71.5347



32.5530, 32.2649, 36.6357



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6043



0.3546, 0.1703, 0.5800

Inverse Universe

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



33.2158, 32.5300, 40.1260



58.5050, 56.2954, 71.5347



32.1625, 35.8466, 37.3476



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6043



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 33.2149, 32.5286, 40.1253 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 33.2149, 32.5286, 40.1253 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 33.2149, 32.5286, 40.1253

Background



This preview shows how black text looks on a background with the XYZ color 33.2149, 32.5286, 40.1253.



This preview shows how white text looks on a background with the XYZ color 33.2149, 32.5286,

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

33.2149, 32.5286, 40.1253

Protanopia

31.8571, 32.7712, 41.2057

Deuteranopia

33.2149, 32.5286, 40.1253



Tritanopia

32.9450, 32.4207, 38.7038

Trichromacy



Original Color

33.2149, 32.5286, 40.1253

Protanomaly

32.3747, 32.8047, 40.7020

Deuteranomaly

33.2149, 32.5286, 40.1253

Tritanomaly

33.0343, 32.4564, 39.1739

Monochromacy



Original Color

33.2149, 32.5286, 40.1253

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1117, 32.9853, 37.4752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2149, 32.5286, 40.1253 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(165, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 165)  
}
```

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(165, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.2149, 32.5286, 40.1253 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(165, 150, 165) }
```


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

```
.border{ border-color:rgb(165, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2149, 32.5286, 40.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 165) }
```

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

```
.background{ background-color: rgb(165,  
150, 165) }
```

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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