

Converting Colors

XYZ(32.6318, 34.1886, 33.6161)

Have a look what the booklet for
XYZ(32.6318, 34.1886, 33.6161)
contains.

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Color

**XYZ(32.6662, 34.1025,
33.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	A39D96
RGB	163, 157, 150
RGB Percent	64%, 62%, 59%
CMY	0.3608, 0.3843, 0.4118
CMYK	0.00, 0.04, 0.08, 0.36
HSL	32°, 7%, 61%
HSV	32°, 8%, 64%
XYZ	32.6662, 34.1025, 33.7149
YIQ	157.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

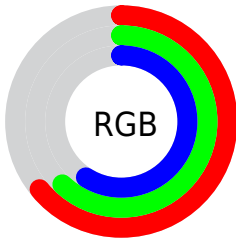
Format	Color
RYB	161, 163, 150
Decimal	10722710
CIELab	65.04, 0.91, 4.42
CIElCh	65, 4.516, 78.431
Yxy	34.1025, 0.3251, 0.3394
Android (android.graphics.Color)	4288912790 (0xFFA39D96)
YUV	157.9960, -3.9420, 4.3885
Hunter-Lab	58.3973, -2.3464, 6.6479

Details

The XYZ color **32.6662, 34.1025, 33.7149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0768, 32.9046, 39.3638**, and the grayscale version is **32.5138, 34.2071, 37.2515**.

A 20% lighter version of the original color is **63.3560, 66.3520, 66.5947**, and **13.9617, 14.5884, 13.8844** is the 20% darker color. If you saturate the color by 10%, you get **30.2110, 31.1483, 26.8650**, and if you desaturate by 10%, it is **35.3842, 37.2893, 41.5540**.

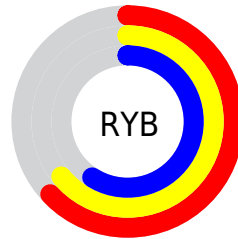
Distribution



Red (64%)

Green (62%)

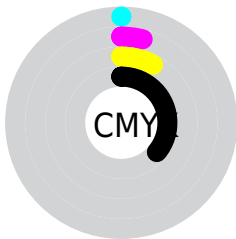
Blue (59%)



Red (63%)

Yellow (64%)

Blue (59%)

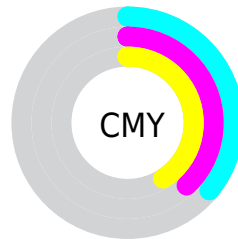


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6662, 34.1025, 33.7149 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 32.6662, 34.1025, 33.7149 by changing the saturation by 10% instead.

■ 32.6662, 34.1025,
33.7149

■ 32.6662, 34.1025,
33.7149

305.8346,
320.5889, 333.5892

■ 22.0289, 22.9724,
22.3991

■ 63.2122, 66.0930,
66.6189

■ 13.9948, 14.5731,
13.9493

■ 83.8516, 87.7222,
89.0441

■ 8.1987, 8.5203,
7.9471

108.5557,
113.6199, 116.0096

■ 4.2753, 4.4297,
3.9738

137.6899,
144.1704, 147.9338

■ 1.8590, 1.9167,
1.6110

171.6195,
179.7581, 185.2354

■ 0.5528, 0.5584,
0.2986

210.7099,

■ 0.0000, 0.0000,

220.7675, 228.3327

0.0000

255.3265,
267.5830, 277.6445

■ 32.6662, 34.1025,
33.7149

■ 32.6662, 34.1025,
33.7149

■ 30.2110, 31.1483,
26.8650

■ 35.3842, 37.2893,
41.5540

■ 28.0069, 28.4165,
20.9623

■ 38.3706, 40.7098,
50.4179

■ 26.0454, 25.9024,
15.9648

■ 41.6344, 44.3709,
60.3428

■ 24.3164, 23.5997,
11.8265

■ 45.1831, 48.2775,
71.3628

■ 22.8089, 21.5016,
8.4974

■ 49.0243, 52.4348,
83.5102

■ 21.5109, 19.6008,
5.9222

■ 53.1648, 56.8475,
96.8161

■ 20.4092, 17.8892,
4.0384

■ 56.1111, 60.9200,
103.4091

■ 19.4883, 16.3581,
2.7736

■ 58.0070, 64.7119,
104.0411

■ 18.7228, 14.9945,
2.0022

■ 59.9913, 68.6804,
104.7025

Harmonies

Analogous

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



33.2548, 34.1025, 34.5026



32.6662, 34.1025, 33.7149



32.0175, 34.1025, 33.8196

Triad

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



32.6662, 34.1025, 33.7149



31.2352, 34.1025, 38.2818



33.3631, 34.1025, 39.5725

Complementary

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



32.6662, 34.1025, 33.7149



31.0768, 32.9046, 39.3638

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.



32.8125, 34.1025, 40.6536



32.6662, 34.1025, 33.7149



31.5863, 34.1025, 39.8913

Square

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



32.6662, 34.1025, 33.7149



31.1973, 34.1025, 36.4144



32.1619, 34.1025, 40.7722



33.6608, 34.1025, 37.8586

Rectangle

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



32.6662, 34.1025, 33.7149



31.6382, 34.1025, 34.3821



32.1619, 34.1025, 40.7722



33.2011, 34.1025, 40.0244

Sweetspot

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



32.6671, 34.1040, 33.7156



61.3361, 64.4144, 68.4996



32.0173, 32.0022, 35.9720



13.7887, 14.4822, 15.4219



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.



32.6671, 34.1040, 33.7156



57.4920, 59.8722, 57.5199



33.6182, 36.1375, 34.0580



7.3750, 7.6884, 7.4754



14.4849, 11.5437, 1.4647



0.3510, 0.3359, 0.0463

Inverse Universe

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



31.0768, 32.9046, 39.3638



53.9078, 57.1690, 70.2496



30.1752, 30.9827, 39.0404



6.9571, 7.3732, 8.9596



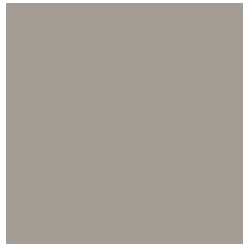
7.1478, 6.0749, 27.7256



0.1973, 0.2219, 0.5983

Previews

White Background



This preview shows how the XYZ color 32.6662, 34.1025, 33.7149 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 32.6662, 34.1025, 33.7149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

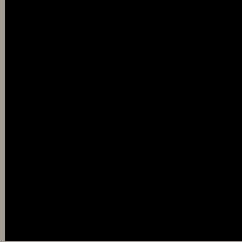
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6662, 34.1025, 33.7149

Background



This preview shows how black text looks on a background with the XYZ color 32.6662, 34.1025, 33.7149.



This preview shows how white text looks on a background with the XYZ color 32.6662, 34.1025,

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

32.6662, 34.1025, 33.7149

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.7186, 33.9209, 33.9957



Tritanopia

34.0477, 33.9006, 41.3082

Trichromacy



Original Color

32.6662, 34.1025, 33.7149

Protanomaly

32.4623, 33.9973, 33.7054

Deuteranomaly

33.9361, 34.0035, 34.0529

Tritanomaly

33.4642, 33.9084, 38.4994

Monochromacy



Original Color

32.6662, 34.1025, 33.7149

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6405, 34.2939, 35.9094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6662, 34.1025, 33.7149 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(163, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 150)  
}
```

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(163, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.6662, 34.1025, 33.7149 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(163, 157, 150) }
```


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

```
.border{ border-color:rgb(163, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 157,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6662, 34.1025, 33.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 150) }
```

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

```
.background{ background-color: rgb(163,  
157, 150) }
```

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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