

Converting Colors

XYZ(32.0870, 34.7512, 40.9728)

Have a look what the booklet for
XYZ(32.0870, 34.7512, 40.9728)
contains.

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Color

**XYZ(32.0222, 34.6325,
41.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	95A1A6
RGB	149, 161, 166
RGB Percent	58%, 63%, 65%
CMY	0.4157, 0.3686, 0.3490
CMYK	0.10, 0.03, 0.00, 0.35
HSL	198°, 9%, 62%
HSV	198°, 10%, 65%
XYZ	32.0222, 34.6325, 41.0734
YIQ	157.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

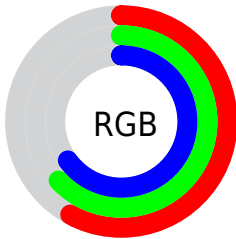
Format	Color
RYB	149, 156, 166
Decimal	9806246
CIELab	65.46, -3.21, -4.06
CIElCh	65, 5.176, 231.647
Yxy	34.6325, 0.2973, 0.3215
Android (android.graphics.Color)	4287996326 (0xFF95A1A6)
YUV	157.9820, 3.9529, -7.8772
Hunter-Lab	58.8494, -5.8577, -0.1864

Details

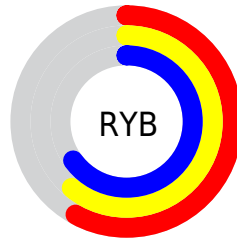
The XYZ color **32.0222, 34.6325, 41.0734** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7064, 33.3878, 33.1549**, and the grayscale version is **32.4775, 34.1689, 37.2099**.

A 20% lighter version of the original color is **62.2356, 67.0287, 78.0643**, and **13.6502, 14.9634, 18.0884** is the 20% darker color. If you saturate the color by 10%, you get **28.3709, 31.5097, 40.6636**, and if you desaturate by 10%, it is **36.1405, 38.0473, 41.5160**.

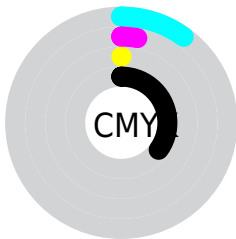
Distribution



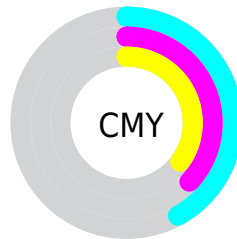
- Red (58%)
- Green (63%)
- Blue (65%)



- Red (58%)
- Yellow (61%)
- Blue (65%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0222, 34.6325, 41.0734 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 32.0222, 34.6325, 41.0734 by changing the saturation by 10% instead.

■ 32.0222, 34.6325,
41.0734

■ 32.0222, 34.6325,
41.0734

302.9639,
322.9432, 366.3130

■ 21.5341, 23.3799,
28.0563

■ 62.2108, 66.9161,
78.0502

■ 13.6296, 14.8743,
18.1287

■ 82.6421, 88.7158,
102.8470

■ 7.9435, 8.7312,
10.8720

107.1184,
114.8001, 132.4074

■ 4.1103, 4.5663,
5.8678

136.0052,
145.5533, 167.1500

■ 1.7647, 1.9951,
2.6974

169.6678,
181.3599, 207.4933

■ 0.4963, 0.6046,
0.9421

208.4715,

■ 0.0000, 0.0000,

222.6041, 253.8559

0.0000

252.7818,
269.6704, 306.6563

■ 32.0222, 34.6325,
41.0734

■ 32.0222, 34.6325,
41.0734

■ 28.3709, 31.5097,
40.6636

■ 36.1405, 38.0473,
41.5160

■ 25.1650, 28.6645,
40.2834

■ 40.7403, 41.7593,
41.9901

■ 22.3858, 26.0875,
39.9325

■ 45.8390, 45.7791,
42.4972

■ 20.0117, 23.7671,
39.6097

■ 51.4525, 50.1152,
43.0383

■ 18.0194, 21.6907,
39.3139

■ 57.5956, 54.7760,
43.6141

■ 16.3831, 19.8443,
39.0438

■ 64.2829, 59.7692,
44.2255

■ 15.0733, 18.2121,
38.7978

■ 67.6745, 63.1162,
44.6928

■ 14.0555, 16.7758,
38.5742

■ 68.7870, 65.3412,
45.0636

■ 13.2681, 15.5233,
38.3739

■ 69.9357, 67.6384,
45.4465

Harmonies

Analogous

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



31.5827, 34.6325, 39.2677



32.0222, 34.6325, 41.0734



32.7062, 34.6325, 41.9856

Triad

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



32.0222, 34.6325, 41.0734



34.3784, 34.6325, 38.3177



32.3831, 34.6325, 33.9654

Complementary

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



32.0222, 34.6325, 41.0734



32.7064, 33.3878, 33.1549

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.



33.1290, 34.6325, 33.7330



32.0222, 34.6325, 41.0734



34.2887, 34.6325, 36.1919

Square

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



32.0222, 34.6325, 41.0734



34.0719, 34.6325, 40.3552



33.8286, 34.6325, 34.5334



31.7888, 34.6325, 35.1809

Rectangle

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



32.0222, 34.6325, 41.0734



33.2119, 34.6325, 41.9409



33.8286, 34.6325, 34.5334



32.6242, 34.6325, 33.7716

Sweetspot

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



32.0232, 34.6340, 41.0742



63.4001, 67.2534, 75.1149



31.8486, 35.9895, 35.7604



14.0529, 14.9388, 16.7949



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.



32.0232, 34.6340, 41.0742



56.7384, 61.6915, 74.3925



30.6173, 31.8222, 40.6055



7.5585, 8.1540, 9.5938



10.3304, 12.1210, 29.7706



0.2924, 0.3770, 0.7380

Inverse Universe

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



32.9071, 32.1757, 38.1961



58.6367, 56.4703, 68.1986



34.1274, 36.2299, 33.6286



7.7465, 7.6285, 8.9824



14.7149, 7.2947, 13.8422



0.3787, 0.1858, 0.4459

Previews

White Background



This preview shows how the XYZ color 32.0222, 34.6325, 41.0734 looks on a white background.

Color Contrast Check

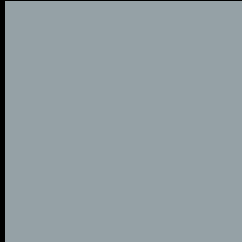
Large Text (above 18pt) WCAG AA × Fail

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 32.0222, 34.6325, 41.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

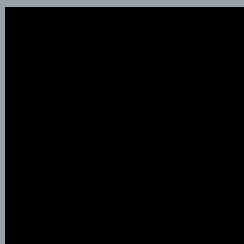
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

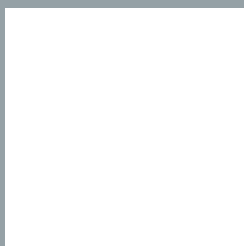
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0222, 34.6325, 41.0734

Background



This preview shows how black text looks on a background with the XYZ color 32.0222, 34.6325, 41.0734.



This preview shows how white text looks on a background with the XYZ color 32.0222, 34.6325,

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

32.0222, 34.6325, 41.0734

Protanopia

33.4249, 34.6076, 40.0402

Deuteranopia

35.1082, 34.4473, 41.3578



Tritanopia

32.6913, 34.6428, 44.4989

Trichromacy



Original Color

32.0222, 34.6325, 41.0734

Protanomaly

32.9000, 34.5808, 40.5381

Deuteranomaly

33.9323, 34.5853, 41.4464

Tritanomaly

32.4042, 34.5279, 42.9869

Monochromacy



Original Color

32.0222, 34.6325, 41.0734

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3487, 34.3380, 38.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0222, 34.6325, 41.0734 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(149, 161, 166) looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 166)  
}
```

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(149, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.0222, 34.6325, 41.0734 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(149, 161, 166) }
```


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

```
.border{ border-color:rgb(149, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(149, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0222, 34.6325, 41.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 166) }
```

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

```
.background{ background-color: rgb(149,  
161, 166) }
```

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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