

Converting Colors

XYZ(30.5064, 32.2621, 36.5798)

Have a look what the booklet for
XYZ(30.5064, 32.2621, 36.5798)
contains.

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Color

**XYZ(30.4039, 32.1248,
36.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	979A9D
RGB	151, 154, 157
RGB Percent	59%, 60%, 62%
CMY	0.4078, 0.3961, 0.3843
CMYK	0.04, 0.02, 0.00, 0.38
HSL	210°, 3%, 60%
HSV	210°, 4%, 62%
XYZ	30.4039, 32.1248, 36.4965
YIQ	153.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

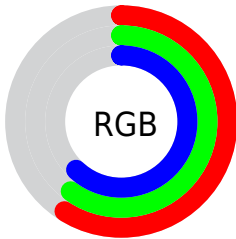
Format	Color
RYB	151, 153, 157
Decimal	9935517
CIELab	63.45, -0.49, -1.95
CIELCh	63, 2.013, 256.036
Yxy	32.1248, 0.3070, 0.3244
Android (android.graphics.Color)	4288125597 (0xFF979A9D)
YUV	153.4450, 1.7526, -2.1443
Hunter-Lab	56.6787, -3.4359, 1.4972

Details

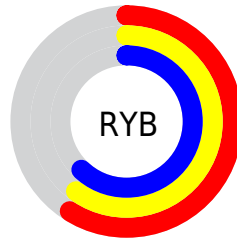
The XYZ color **30.4039, 32.1248, 36.4965** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0462, 32.5134, 33.9181**, and the grayscale version is **30.4664, 32.0531, 34.9058**.

A 20% lighter version of the original color is **59.6164, 62.8444, 71.2754**, and **12.7073, 13.4504, 15.5621** is the 20% darker color. If you saturate the color by 10%, you get **26.4296, 28.2173, 35.9522**, and if you desaturate by 10%, it is **34.8527, 36.4043, 37.0885**.

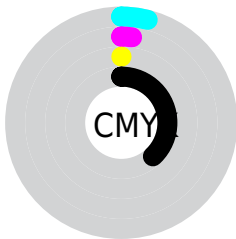
Distribution



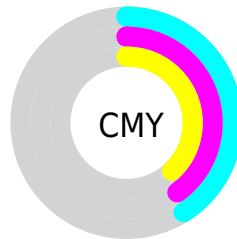
- Red (59%)
- Green (60%)
- Blue (62%)



- Red (59%)
- Yellow (60%)
- Blue (62%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4039, 32.1248, 36.4965 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 30.4039, 32.1248, 36.4965 by changing the saturation by 10% instead.

■ 30.4039, 32.1248,
36.4965

■ 30.4039, 32.1248,
36.4965

295.6588,
311.6874, 346.2283

■ 20.2950, 21.4568,
24.5252

■ 59.6826, 63.0067,
70.9754

■ 12.7191, 13.4583,
15.5079

■ 79.5830, 83.9894,
94.3200

■ 7.3111, 7.7449,
9.0260

103.4781,
109.1792, 122.2928

■ 3.7055, 3.9322,
4.6611

131.7330,
138.9603, 155.3123

■ 1.5369, 1.6357,
1.9946

164.7131,
173.7174, 193.7971

■ 0.3507, 0.3815,
0.5519

202.7839,

■ 0.0000, 0.0000,

213.8346, 238.1656

0.0000

246.3107,
259.6965, 288.8365

■ 30.4039, 32.1248,
36.4965

■ 30.4039, 32.1248,
36.4965

■ 26.4296, 28.2173,
35.9522

■ 34.8527, 36.4043,
37.0885

■ 22.9103, 24.6667,
35.4524

■ 39.7891, 41.0622,
37.7274

■ 19.8289, 21.4627,
34.9964

■ 45.2294, 46.1099,
38.4150

■ 17.1664, 18.5928,
34.5827

■ 51.1879, 51.5572,
39.1524

■ 14.9021, 16.0438,
34.2101

■ 57.6785, 57.4133,
39.9406

■ 13.0134, 13.8015,
33.8768

■ 64.7146, 63.6873,
40.7808

■ 11.4754, 11.8500,
33.5812

■ 70.1042, 69.2511,
41.5706

■ 10.2595, 10.1717,
33.3213

■ 72.0753, 73.1931,
42.2277

■ 9.3320, 8.7464,
33.0951

■ 74.1424, 77.3273,
42.9167

Harmonies

Analogous

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



30.1614, 32.1248, 36.1003



30.4039, 32.1248, 36.4965



30.6827, 32.1248, 36.4817

Triad

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



30.4039, 32.1248, 36.4965



31.0541, 32.1248, 34.5542



30.1477, 32.1248, 33.9187

Complementary

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



30.4039, 32.1248, 36.4965



31.0462, 32.5134, 33.9181

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.



30.3851, 32.1248, 33.5171



30.4039, 32.1248, 36.4965



30.9090, 32.1248, 33.8801

Square

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



30.4039, 32.1248, 36.4965



31.0592, 32.1248, 35.3519



30.6638, 32.1248, 33.5031



30.0141, 32.1248, 34.6076

Rectangle

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



30.4039, 32.1248, 36.4965



30.8515, 32.1248, 36.2404



30.6638, 32.1248, 33.5031



30.2180, 32.1248, 33.7461

Sweetspot

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



30.4048, 32.1262, 36.4972



56.5968, 59.6134, 65.6503



30.6444, 33.0235, 35.2878



12.4643, 13.1277, 14.4473



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4048, 32.1262, 36.4972



53.4973, 56.6052, 65.2330



29.9316, 31.1796, 36.3394



6.8924, 7.2964, 8.4518



7.2252, 6.5420, 26.7892



0.1715, 0.2016, 0.4931

Inverse Universe

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



30.8047, 31.6351, 35.0560



54.4468, 55.4510, 61.8079



31.5311, 33.4831, 34.0797



7.0262, 7.1344, 7.9689



12.4452, 6.2826, 6.5952



0.2439, 0.1209, 0.2303

Previews

White Background



This preview shows how the XYZ color 30.4039, 32.1248, 36.4965 looks on a white background.

Color Contrast Check

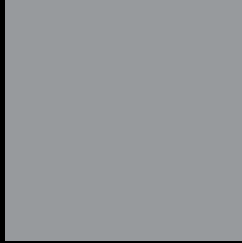
Large Text (above 18pt) WCAG AA × Fail

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 30.4039, 32.1248, 36.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

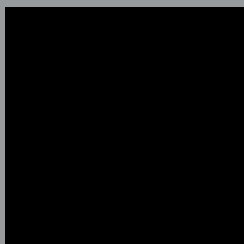
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

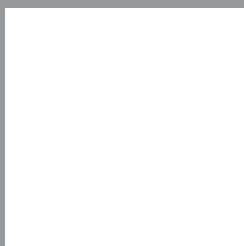
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4039, 32.1248, 36.4965

Background



This preview shows how black text looks on a background with the XYZ color 30.4039, 32.1248, 36.4965.



This preview shows how white text looks on a background with the XYZ color 30.4039, 32.1248,

36.4965.

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

30.4039, 32.1248, 36.4965

Protanopia

30.9096, 32.1513, 36.0292

Deuteranopia

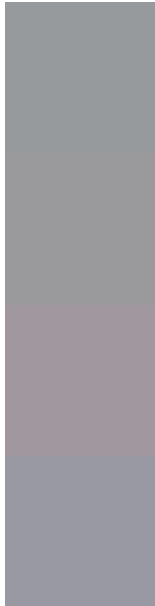
32.6449, 32.0705, 36.8174



Tritanopia

31.1317, 32.1745, 40.1668

Trichromacy



Original Color

30.4039, 32.1248, 36.4965

Protanomaly

30.7184, 32.0528, 36.0203

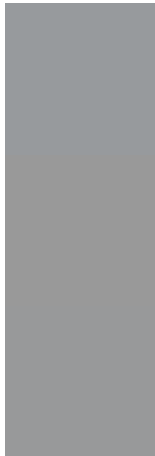
Deuteranomaly

31.9361, 32.1789, 36.8757

Tritanomaly

30.8617, 32.0665, 38.7453

Monochromacy



Original Color

30.4039, 32.1248, 36.4965

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1729, 31.7910, 35.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4039, 32.1248, 36.4965 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(151, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 157)  
}
```

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(151, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.4039, 32.1248, 36.4965 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(151, 154, 157) }
```


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

```
.border{ border-color:rgb(151, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4039, 32.1248, 36.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 157) }
```

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

```
.background{ background-color: rgb(151,  
154, 157) }
```

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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