

Converting Colors

XYZ(32.1523, 34.0796, 40.0076)

Have a look what the booklet for
XYZ(32.1523, 34.0796, 40.0076)
contains.

XYZ(32.2358, 34.2489, 40.0336)	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(32.2358, 34.2489,
40.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	999FA4
RGB	153, 159, 164
RGB Percent	60%, 62%, 64%
CMY	0.4000, 0.3765, 0.3569
CMYK	0.07, 0.03, 0.00, 0.36
HSL	207°, 6%, 62%
HSV	207°, 7%, 64%
XYZ	32.2358, 34.2489, 40.0336
YIQ	157.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

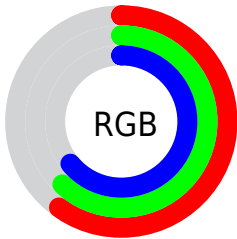
Format	Color
RYB	153, 157, 164
Decimal	10067876
CIELab	65.16, -1.14, -3.35
CIELCh	65, 3.537, 251.228
Yxy	34.2489, 0.3026, 0.3215
Android (android.graphics.Color)	4288257956 (0xFF999FA4)
YUV	157.7760, 3.0684, -4.1886
Hunter-Lab	58.5226, -4.0919, 0.4072

Details

The XYZ color **32.2358, 34.2489, 40.0336** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2865, 34.6457, 35.0704**, and the grayscale version is **32.3869, 34.0736, 37.1061**.

A 20% lighter version of the original color is **62.5649, 66.4730, 76.5509**, and **13.7667, 14.7198, 17.4448** is the 20% darker color. If you saturate the color by 10%, you get **28.1080, 30.2768, 39.4850**, and if you desaturate by 10%, it is **36.8683, 38.5977, 40.6294**.

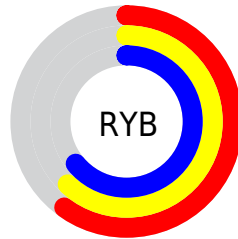
Distribution



Red (60%)

Green (62%)

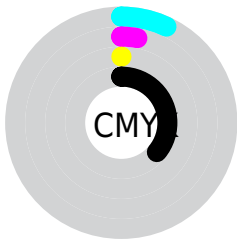
Blue (64%)



Red (60%)

Yellow (62%)

Blue (64%)

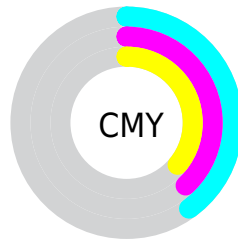


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2358, 34.2489, 40.0336 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 32.2358, 34.2489, 40.0336 by changing the saturation by 10% instead.

■ 32.2358, 34.2489,
40.0336

■ 32.2358, 34.2489,
40.0336

303.9182,
321.2405, 361.8215

■ 21.6981, 23.0849,
27.2508

■ 62.5433, 66.3205,
76.4523

■ 13.7506, 14.6562,
17.5275

■ 83.0437, 87.9969,
100.9253

■ 8.0279, 8.5785,
10.4454

107.5958,
113.9463, 130.1320

■ 4.1648, 4.4673,
5.5858

136.5649,
144.5529, 164.4911

■ 1.7958, 1.9382,
2.5302

170.3163,
180.2013, 204.4210

■ 0.5151, 0.5712,
0.8561

209.2155,

■ 0.0000, 0.0000,

221.2757, 250.3404

0.0000

253.6277,
268.1606, 302.6677

■ 32.2358, 34.2489,
40.0336

■ 32.2358, 34.2489,
40.0336

■ 28.1080, 30.2768,
39.4850

■ 36.8683, 38.5977,
40.6294

■ 24.4634, 26.6655,
38.9800

■ 42.0201, 43.3299,
41.2713

■ 21.2830, 23.4041,
38.5181

■ 47.7088, 48.4575,
41.9611

■ 18.5458, 20.4796,
38.0979

■ 53.9505, 53.9904,
42.7001

■ 16.2285, 17.8780,
37.7179

■ 60.7602, 59.9385,
43.4893

■ 14.3060, 15.5839,
37.3764

■ 68.1527, 66.3108,
44.3297

■ 12.7497, 13.5804,
37.0717

■ 71.2743, 70.6072,
44.9944

■ 11.5272, 11.8482,
36.8018

■ 73.1703, 74.3991,
45.6264

■ 10.5913, 10.3607,
36.5640

■ 75.1532, 78.3650,
46.2874

Harmonies

Analogous

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



31.8155, 34.2489, 39.1864



32.2358, 34.2489, 40.0336



32.7452, 34.2489, 40.1347

Triad

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



32.2358, 34.2489, 40.0336



33.5308, 34.2489, 36.7432



31.9060, 34.2489, 35.2044

Complementary

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



32.2358, 34.2489, 40.0336



33.2865, 34.6457, 35.0704

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.



32.3606, 34.2489, 34.5854



32.2358, 34.2489, 40.0336



33.3009, 34.2489, 35.4582

Square

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



32.2358, 34.2489, 40.0336



33.4965, 34.2489, 38.2088



32.8714, 34.2489, 34.6770



31.6265, 34.2489, 36.3885

Rectangle

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



32.2358, 34.2489, 40.0336



33.0672, 34.2489, 39.7623



32.8714, 34.2489, 34.6770



32.0432, 34.2489, 34.9247

Sweetspot

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



32.2368, 34.2503, 40.0344



62.3246, 65.7685, 73.1621



32.5801, 35.7906, 37.5168



13.6470, 14.3986, 15.9975



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.



32.2368, 34.2503, 40.0344



57.3773, 61.0870, 72.5192



31.3196, 32.4161, 39.7286



7.0057, 7.4704, 8.9758



7.9568, 7.6931, 27.9953



0.2137, 0.2546, 0.6037

Inverse Universe

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



32.9598, 33.1788, 37.4696



58.9618, 58.7643, 66.8923



34.2373, 36.5474, 35.3873



7.2279, 7.1476, 8.1863



13.1617, 6.6207, 8.0422



0.3000, 0.1485, 0.2926

Previews

White Background



This preview shows how the XYZ color 32.2358, 34.2489, 40.0336 looks on a white background.

Color Contrast Check

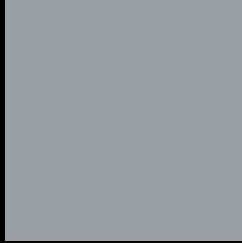
Large Text (above 18pt) WCAG AA × Fail

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 32.2358, 34.2489, 40.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

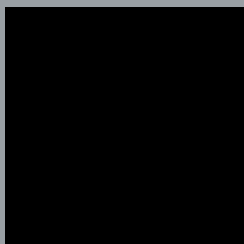
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

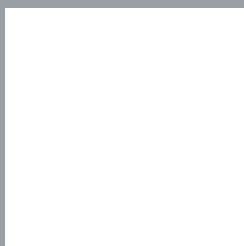
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2358, 34.2489, 40.0336

Background



This preview shows how black text looks on a background with the XYZ color 32.2358, 34.2489, 40.0336.



This preview shows how white text looks on a background with the XYZ color 32.2358, 34.2489,

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

32.2358, 34.2489, 40.0336

Protanopia

32.9659, 34.1292, 39.5004

Deuteranopia

34.7603, 34.0451, 40.3366



Tritanopia

32.8090, 34.2260, 42.9073

Trichromacy



Original Color

32.2358, 34.2489, 40.0336

Protanomaly

32.7423, 34.2662, 39.5387

Deuteranomaly

33.8227, 34.0518, 40.3873

Tritanomaly

32.6212, 34.1509, 41.9183

Monochromacy



Original Color

32.2358, 34.2489, 40.0336

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2823, 34.0597, 38.1304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2358, 34.2489, 40.0336 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(153, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(153, 159, 164)  
}
```

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(153, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.2358, 34.2489, 40.0336 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(153, 159, 164) }
```


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

```
.border{ border-color:rgb(153, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(153, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2358, 34.2489, 40.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 159, 164) }
```

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

```
.background{ background-color: rgb(153,  
159, 164) }
```

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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