

Converting Colors

XYZ(32.4054, 34.0472, 39.6963)

Have a look what the booklet for
XYZ(32.4054, 34.0472, 39.6963)
contains.

XYZ(32.3553, 34.0666, 39.5205)	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(32.3553, 34.0666,
39.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9EA3
RGB	155, 158, 163
RGB Percent	61%, 62%, 64%
CMY	0.3922, 0.3804, 0.3608
CMYK	0.05, 0.03, 0.00, 0.36
HSL	217°, 4%, 62%
HSV	217°, 5%, 64%
XYZ	32.3553, 34.0666, 39.5205
YIQ	157.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

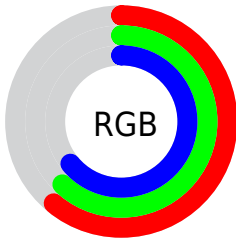
Format	Color
RYB	155, 157, 163
Decimal	10198691
CIELab	65.02, -0.09, -2.98
CIELCh	65, 2.985, 268.344
Yxy	34.0666, 0.3054, 0.3216
Android (android.graphics.Color)	4288388771 (0xFF9B9EA3)
YUV	157.6730, 2.6262, -2.3442
Hunter-Lab	58.3666, -3.1908, 0.7109

Details

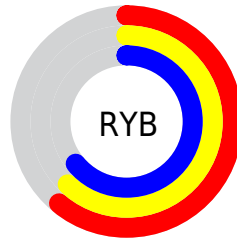
The XYZ color **32.3553, 34.0666, 39.5205** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5916, 35.2945, 36.0530**, and the grayscale version is **32.3417, 34.0260, 37.0543**.

A 20% lighter version of the original color is **62.7436, 66.2058, 75.8017**, and **13.8359, 14.6061, 17.1290** is the 20% darker color. If you saturate the color by 10%, you get **27.7704, 29.2313, 38.8294**, and if you desaturate by 10%, it is **37.5084, 39.4104, 40.2809**.

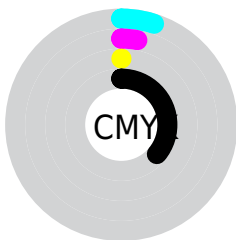
Distribution



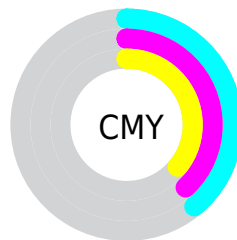
- Red (61%)
- Green (62%)
- Blue (64%)



- Red (61%)
- Yellow (62%)
- Blue (64%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3553, 34.0666, 39.5205 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 32.3553, 34.0666, 39.5205 by changing the saturation by 10% instead.

■ 32.3553, 34.0666,
39.5205

■ 32.3553, 34.0666,
39.5205

304.4512,
320.4289, 359.5902

■ 21.7899, 22.9448,
26.8539

■ 62.7291, 66.0372,
75.6619

■ 13.8183, 14.5527,
17.2321

■ 83.2682, 87.6548,
99.9738

■ 8.0753, 8.5061,
10.2364

107.8626,
113.5398, 129.0045

■ 4.1954, 4.4205,
5.4483

136.8776,
144.0765, 163.1727

■ 1.8132, 1.9114,
2.4493

170.6787,
179.6494, 202.8968

■ 0.5256, 0.5552,
0.8131

209.6310,

■ 0.0000, 0.0000,

220.6428, 248.5954

0.0000

254.1001,
267.4412, 300.6870

■ 32.3553, 34.0666,
39.5205

■ 32.3553, 34.0666,
39.5205

■ 27.7704, 29.2313,
38.8294

■ 37.5084, 39.4104,
40.2809

■ 23.7306, 24.8846,
38.2033

■ 43.2459, 45.2731,
41.1101

■ 20.2151, 21.0114,
37.6410

■ 49.5872, 51.6706,
42.0107

■ 17.2012, 17.5942,
37.1402

■ 56.5497, 58.6165,
42.9844

■ 14.6638, 14.6146,
36.6989

■ 64.1502, 66.1238,
44.0329

■ 12.5759, 12.0523,
36.3143

■ 72.4047, 74.2053,
45.1577

■ 10.9073, 9.8856,
35.9840

■ 75.9487, 80.0998,
46.1087

■ 9.6240, 8.0898,
35.7051

■ 78.8540, 85.9106,
47.0772

■ 8.6841, 6.6364,
35.4741

■ 81.9275, 92.0575,
48.1016

Harmonies

Analogous

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



31.9455, 34.0666, 39.1537



32.3553, 34.0666, 39.5205



32.7750, 34.0666, 39.2249

Triad

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



32.3553, 34.0666, 39.5205



33.1155, 34.0666, 35.9753



31.6777, 34.0666, 35.8589

Complementary

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



32.3553, 34.0666, 39.5205



33.5916, 35.2945, 36.0530

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.



31.9867, 34.0666, 35.0393



32.3553, 34.0666, 39.5205



32.8169, 34.0666, 35.1054

Square

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



32.3553, 34.0666, 39.5205



33.2162, 34.0666, 37.1615



32.4033, 34.0666, 34.7665



31.5565, 34.0666, 37.0241

Rectangle

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



32.3553, 34.0666, 39.5205



33.0035, 34.0666, 38.6956



32.4033, 34.0666, 34.7665



31.7629, 34.0666, 35.5348

Sweetspot

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



32.3563, 34.0680, 39.5212



61.4129, 64.6243, 71.2931



32.9547, 35.6992, 38.3814



13.8050, 14.5267, 16.0139



78.6606, 82.7571, 90.1225



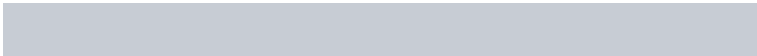
14.0027, 14.7319, 16.0430

Same Dimension

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



32.3563, 34.0680, 39.5212



56.9054, 59.9225, 70.6231



32.0302, 33.1490, 39.3610



7.2060, 7.5883, 8.9880



6.4827, 4.7449, 27.5040



0.1807, 0.1886, 0.5927

Inverse Universe

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



32.9979, 33.6986, 37.1147



58.3279, 59.1154, 65.2851



33.9280, 36.2498, 36.2197



7.3980, 7.4799, 8.2675



12.4177, 6.3231, 4.1240



0.2834, 0.1418, 0.2048

Previews

White Background



This preview shows how the XYZ color 32.3553, 34.0666, 39.5205 looks on a white background.

Color Contrast Check

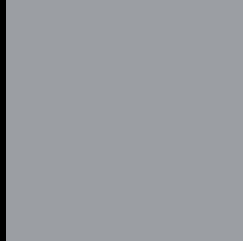
Large Text (above 18pt) WCAG AA × Fail

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 32.3553, 34.0666, 39.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

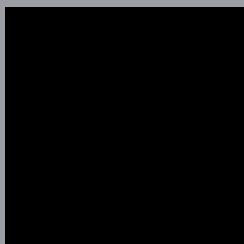
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3553, 34.0666, 39.5205

Background



This preview shows how black text looks on a background with the XYZ color 32.3553, 34.0666, 39.5205.



This preview shows how white text looks on a background with the XYZ color 32.3553, 34.0666,

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

32.3553, 34.0666, 39.5205

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

34.6696, 34.0088, 39.8590



Tritanopia

32.9287, 34.0464, 42.3722

Trichromacy



Original Color

32.3553, 34.0666, 39.5205

Protanomaly

32.6791, 33.9917, 39.0211

Deuteranomaly

33.9392, 34.1224, 39.9194

Tritanomaly

32.7423, 33.9719, 41.3907

Monochromacy



Original Color

32.3553, 34.0666, 39.5205

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4767, 34.1599, 38.1395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3553, 34.0666, 39.5205 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(155, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 163)  
}
```

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(155, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.3553, 34.0666, 39.5205 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(155, 158, 163) }
```


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

```
.border{ border-color:rgb(155, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3553, 34.0666, 39.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 163) }
```

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

```
.background{ background-color: rgb(155,  
158, 163) }
```

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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