

Converting Colors

XYZ(32.8341, 35.1067, 41.5754)

Have a look what the booklet for
XYZ(32.8341, 35.1067, 41.5754)
contains.

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Color

**XYZ(32.8568, 35.0521,
41.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	99A1A7
RGB	153, 161, 167
RGB Percent	60%, 63%, 65%
CMY	0.4000, 0.3686, 0.3451
CMYK	0.08, 0.04, 0.00, 0.35
HSL	206°, 7%, 63%
HSV	206°, 8%, 65%
XYZ	32.8568, 35.0521, 41.5932
YIQ	159.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

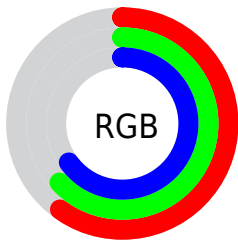
Format	Color
RYB	153, 158, 167
Decimal	10068391
CIELab	65.79, -1.63, -4.10
CIELCh	66, 4.412, 248.358
Yxy	35.0521, 0.3001, 0.3201
Android (android.graphics.Color)	4288258471 (0xFF99A1A7)
YUV	159.2920, 3.8000, -5.5181
Hunter-Lab	59.2048, -4.5466, -0.2097

Details

The XYZ color **32.8568, 35.0521, 41.5932** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0844, 35.3114, 35.1569**, and the grayscale version is **33.0745, 34.7969, 37.8938**.

A 20% lighter version of the original color is **63.4728, 67.6511, 78.8198**, and **14.1499, 15.2144, 18.4106** is the 20% darker color. If you saturate the color by 10%, you get **28.7083, 31.1112, 41.0517**, and if you desaturate by 10%, it is **37.5200, 39.3665, 42.1807**.

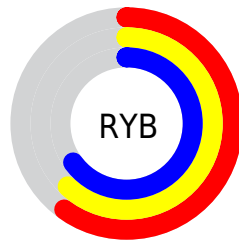
Distribution



Red (60%)

Green (63%)

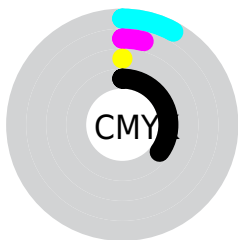
Blue (65%)



Red (60%)

Yellow (62%)

Blue (65%)

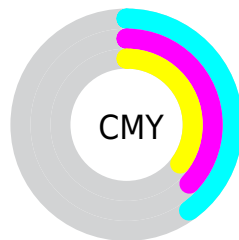


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8568, 35.0521, 41.5932 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 32.8568, 35.0521, 41.5932 by changing the saturation by 10% instead.

■ 32.8568, 35.0521,
41.5932

■ 32.8568, 35.0521,
41.5932

306.6804,
324.7982, 368.5436

■ 22.1755, 23.7030,
28.4597

■ 63.5081, 67.5665,
78.8470

■ 14.1032, 15.1135,
18.4304

■ 84.2087, 89.5005,
103.8044

■ 8.2747, 8.8991,
11.0868

108.9799,
115.7317, 133.5402

■ 4.3245, 4.6754,
6.0104

138.1869,
146.6444, 168.4729

■ 1.8873, 2.0581,
2.7825

172.1951,
182.6230, 209.0210

■ 0.5694, 0.6409,
0.9847

211.3698,

■ 0.0000, 0.0000,

224.0519, 255.6032

0.0000

256.0765,
271.3155, 308.6378

■ 32.8568, 35.0521,
41.5932

■ 32.8568, 35.0521,
41.5932

■ 28.7083, 31.1112,
41.0517

■ 37.5200, 39.3665,
42.1807

■ 25.0521, 27.5276,
40.5527

■ 42.7133, 44.0610,
42.8131

■ 21.8686, 24.2903,
40.0956

■ 48.4550, 49.1479,
43.4924

■ 19.1354, 21.3859,
39.6791

■ 54.7616, 54.6373,
44.2196

■ 16.8283, 18.8001,
39.3016

■ 61.6491, 60.5389,
44.9957

■ 14.9207, 16.5172,
38.9615

■ 69.1325, 66.8622,
45.8218

■ 13.3825, 14.5196,
38.6570

■ 71.5298, 70.6794,
46.4322

■ 12.1789, 12.7873,
38.3860

■ 73.3478, 74.3154,
47.0382

■ 11.2484, 11.2864,
38.1454

■ 75.2460, 78.1117,
47.6709

Harmonies

Analogous

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



32.3448, 35.0521, 40.4322



32.8568, 35.0521, 41.5932



33.4981, 35.0521, 41.8207

Triad

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



32.8568, 35.0521, 41.5932



34.5689, 35.0521, 37.6474



32.5458, 35.0521, 35.4252

Complementary

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



32.8568, 35.0521, 41.5932



34.0844, 35.3114, 35.1569

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.



33.1345, 35.0521, 34.7302



32.8568, 35.0521, 41.5932



34.3064, 35.0521, 35.9857

Square

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



32.8568, 35.0521, 41.5932



34.4922, 35.0521, 39.5022



33.7794, 35.0521, 34.9320



32.1668, 35.0521, 36.8598

Rectangle

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



32.8568, 35.0521, 41.5932



33.9136, 35.0521, 41.4057



33.7794, 35.0521, 34.9320



32.7254, 35.0521, 35.0995

Sweetspot

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



32.8578, 35.0536, 41.5940



63.1783, 66.8099, 75.0410



33.1997, 36.9077, 38.0998



13.9907, 14.8144, 16.7742



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.



32.8578, 35.0536, 41.5940



57.4425, 61.4601, 74.3107



31.6956, 32.7292, 41.2066



7.4743, 7.9856, 9.5658



8.5500, 8.5601, 29.1771



0.2573, 0.3067, 0.7263

Inverse Universe

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



33.7614, 33.5719, 38.4206



59.3923, 58.3050, 67.4535



35.2926, 37.7278, 35.5597



7.7040, 7.6115, 8.7586



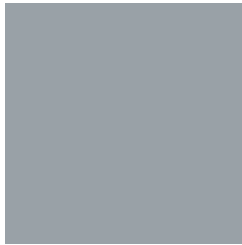
13.8162, 6.9352, 9.1097



0.3610, 0.1787, 0.3525

Previews

White Background



This preview shows how the XYZ color 32.8568, 35.0521, 41.5932 looks on a white background.

Color Contrast Check

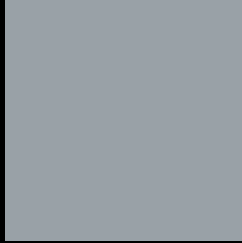
Large Text (above 18pt) WCAG AA × Fail

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 32.8568, 35.0521, 41.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

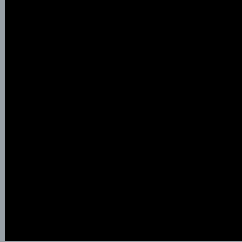
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8568, 35.0521, 41.5932

Background



This preview shows how black text looks on a background with the XYZ color 32.8568, 35.0521, 41.5932.



This preview shows how white text looks on a background with the XYZ color 32.8568, 35.0521,

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

32.8568, 35.0521, 41.5932

Protanopia

33.9790, 35.1265, 41.0656

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

33.4401, 35.0288, 44.5339

Trichromacy



Original Color

32.8568, 35.0521, 41.5932

Protanomaly

33.5543, 35.1639, 41.0952

Deuteranomaly

34.4347, 34.8336, 41.9544

Tritanomaly

33.2479, 34.9519, 43.5221

Monochromacy



Original Color

32.8568, 35.0521, 41.5932

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9970, 34.9183, 39.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8568, 35.0521, 41.5932 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, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 161, 167)  
}
```

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, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 161, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.8568, 35.0521, 41.5932 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, 161, 167) }
```


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

```
.border{ border-color:rgb(153, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 161,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8568, 35.0521, 41.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 161, 167) }
```

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

```
.background{ background-color: rgb(153,  
161, 167) }
```

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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