

Converting Colors

XYZ(35.7248, 41.8482, 32.2580)

Have a look what the booklet for
XYZ(35.7248, 41.8482, 32.2580)
contains.

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Color

**XYZ(35.5752, 41.6970,
32.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B38F
RGB	160, 179, 143
RGB Percent	63%, 70%, 56%
CMY	0.3725, 0.2980, 0.4392
CMYK	0.11, 0.00, 0.20, 0.30
HSL	92°, 19%, 63%
HSV	92°, 20%, 70%
XYZ	35.5752, 41.6970, 32.1599
YIQ	169.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

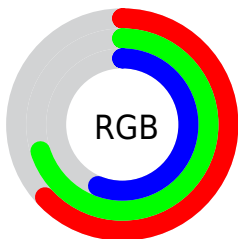
Format	Color
RYB	143, 179, 162
Decimal	10531727
CIELab	70.66, -13.21, 16.22
CIELCh	71, 20.919, 129.146
Yxy	41.6970, 0.3251, 0.3810
Android (android.graphics.Color)	4288721807 (0xFFA0B38F)
YUV	169.2150, -12.9240, -8.0816
Hunter-Lab	64.5732, -14.6625, 15.6726

Details

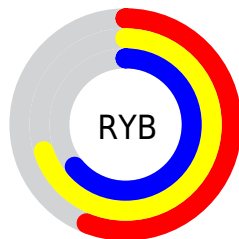
The XYZ color **35.5752, 41.6970, 32.1599** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.8612, 30.5822, 46.8211**, and the grayscale version is **37.8814, 39.8541, 43.4012**.

A 20% lighter version of the original color is **67.8107, 77.8950, 64.2845**, and **15.6210, 18.9002, 13.1807** is the 20% darker color. If you saturate the color by 10%, you get **32.5086, 40.2617, 25.4938**, and if you desaturate by 10%, it is **39.0041, 43.2965, 39.9742**.

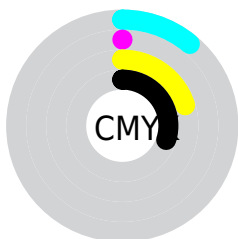
Distribution



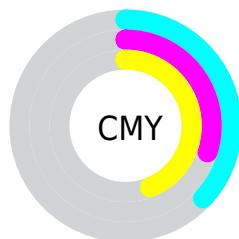
- Red (63%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5752, 41.6970, 32.1599 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 35.5752, 41.6970, 32.1599 by changing the saturation by 10% instead.

■ 35.5752, 41.6970,
32.1599

■ 35.5752, 41.6970,
32.1599

318.5637,
353.2253, 326.3621

■ 24.2749, 28.8641,
21.2178

■ 67.7041, 77.7408,
64.1625

■ 15.6635, 18.9780,
13.0905

■ 89.2633, 101.7206,
86.0601

■ 9.3757, 11.6544,
7.3595

114.9729,
130.1847, 112.4466

■ 5.0461, 6.5088,
3.6061

145.1982,
163.5177, 143.7406

■ 2.3094, 3.1569,
1.4118

180.3046,
202.1038, 180.3607

■ 0.7995, 1.2142,
0.1509

220.6574,

■ 0.0000, 0.0732,

246.3275, 222.7252

0.0000

266.6220,
296.5733, 271.2529

■ 0.0000, 0.0000,
0.0000

■ 35.5752, 41.6970,
32.1599

■ 35.5752, 41.6970,
32.1599

■ 32.5086, 40.2617,
25.4938

■ 39.0041, 43.2965,
39.9742

■ 29.7874, 38.9795,
19.9192

■ 42.8045, 45.0602,
48.9846

■ 27.3985, 37.8460,
15.3784

■ 46.9895, 46.9950,
59.2393

■ 25.3264, 36.8547,
11.8075

■ 51.5705, 49.1058,
70.7833

■ 23.5539, 35.9982,
9.1356

■ 56.5585, 51.3974,
83.6593

■ 22.0623, 35.2687,
7.2819

■ 61.9637, 53.8741,
97.9080

■ 20.8294, 34.6569,
6.1511

■ 65.5794, 55.6536,
101.8935

■ 19.8236, 34.1508,
5.5469

■ 68.6271, 57.2247,
102.0362

■ 71.8407, 58.8814,
102.1866

Harmonies

Analogous

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



38.5828, 41.6970, 29.0568



35.5752, 41.6970, 32.1599



33.7296, 41.6970, 38.9454

Triad

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



35.5752, 41.6970, 32.1599



37.3084, 41.6970, 65.6538



46.5756, 41.6970, 42.4368

Complementary

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



35.5752, 41.6970, 32.1599



32.8612, 30.5822, 46.8211

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.



46.1852, 41.6970, 52.5331



35.5752, 41.6970, 32.1599



40.6996, 41.6970, 66.9496

Square

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



35.5752, 41.6970, 32.1599



34.6890, 41.6970, 58.5345



43.9855, 41.6970, 61.8534



45.0230, 41.6970, 34.3954

Rectangle

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



35.5752, 41.6970, 32.1599



33.3400, 41.6970, 45.1174



43.9855, 41.6970, 61.8534



46.6691, 41.6970, 45.6857

Sweetspot

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



35.5763, 41.6988, 32.1608



72.5003, 78.7695, 77.7997



36.4000, 37.2685, 31.2622



15.9671, 17.4071, 17.0115



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.5763, 41.6988, 32.1608



61.2769, 73.5380, 52.2249



32.4526, 40.0832, 32.2526



8.7578, 9.6802, 9.0594



14.0816, 24.1694, 3.9230



0.5106, 0.7953, 0.1266

Inverse Universe

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



32.8612, 30.5822, 46.8211



55.5538, 50.1070, 83.1248



36.4907, 32.4602, 46.6749



8.4558, 8.4435, 10.6904



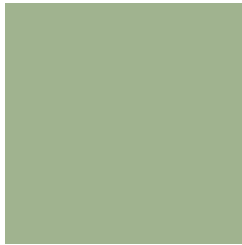
9.1226, 4.0387, 30.4357



0.3538, 0.1615, 0.9608

Previews

White Background



This preview shows how the XYZ color 35.5752, 41.6970, 32.1599 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 35.5752, 41.6970, 32.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

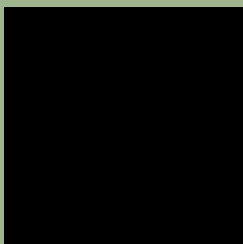
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5752, 41.6970, 32.1599

Background



This preview shows how black text looks on a background with the XYZ color 35.5752, 41.6970, 32.1599.



This preview shows how white text looks on a background with the XYZ color 35.5752, 41.6970,

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

35.5752, 41.6970, 32.1599

Protanopia

39.0146, 41.4658, 30.7583

Deuteranopia

42.3777, 41.4899, 32.9689



Tritanopia

39.8496, 41.6905, 52.9605

Trichromacy



Original Color

35.5752, 41.6970, 32.1599

Protanomaly

37.8169, 41.6970, 31.2545

Deuteranomaly

39.6813, 41.4844, 32.7039

Tritanomaly

37.9905, 41.4927, 44.5347

Monochromacy



Original Color

35.5752, 41.6970, 32.1599

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0146, 40.5322, 39.1303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5752, 41.6970, 32.1599 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(160, 179, 143)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 143)  
}
```

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(160, 179, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.5752, 41.6970, 32.1599 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(160, 179, 143) }
```


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

```
.border{ border-color:rgb(160, 179, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 143);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5752, 41.6970, 32.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 143) }
```

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

```
.background{ background-color: rgb(160,  
179, 143) }
```

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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