

Converting Colors

XYZ(40.9019, 41.8454, 55.7261)

Have a look what the booklet for
XYZ(40.9019, 41.8454, 55.7261)
contains.

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Color

**XYZ(40.8445, 41.8569,
55.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	AAACCO
RGB	170, 172, 192
RGB Percent	67%, 67%, 75%
CMY	0.3333, 0.3255, 0.2471
CMYK	0.11, 0.10, 0.00, 0.25
HSL	235°, 15%, 71%
HSV	235°, 11%, 75%
XYZ	40.8445, 41.8569, 55.7956
YIQ	173.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

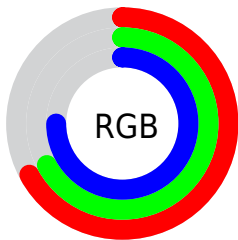
Format	Color
R _{YB}	170, 172, 192
Decimal	11185344
CIE Lab	70.77, 3.30, -10.44
CIE LCh	71, 10.946, 287.520
Yxy	41.8569, 0.2949, 0.3022
Android (android.graphics.Color)	4289375424 (0xFFAAACC0)
YUV	173.6820, 9.0308, -3.2291
Hunter-Lab	64.6969, -0.5288, -5.8448

Details

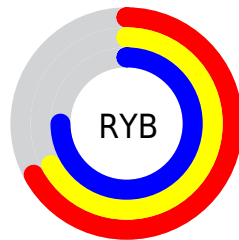
The XYZ color **40.8445, 41.8569, 55.7956** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.4075, 50.9352, 45.3638**, and the grayscale version is **40.0280, 42.1126, 45.8606**.

A 20% lighter version of the original color is **75.4637, 77.7230, 99.8316**, and **18.8479, 19.1486, 27.1288** is the 20% darker color. If you saturate the color by 10%, you get **33.8871, 33.6599, 54.5808**, and if you desaturate by 10%, it is **48.8468, 51.2423, 57.1861**.

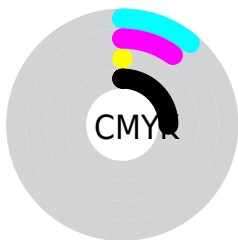
Distribution



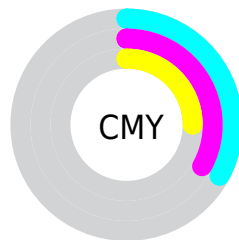
- Red (67%)
- Green (67%)
- Blue (75%)



- Red (67%)
- Yellow (67%)
- Blue (75%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8445, 41.8569, 55.7956 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 40.8445, 41.8569, 55.7956 by changing the saturation by 10% instead.

■ 40.8445, 41.8569,
55.7956

■ 40.8445, 41.8569,
55.7956

340.7440,
353.8894, 426.2874

■ 28.3847, 28.9893,
39.6362

■ 75.7240, 77.9830,
100.1885

■ 18.7578, 19.0727,
26.9434

98.8744, 102.0103,
129.2590

■ 11.5984, 11.7228,
17.2986

126.3191,
130.5262, 163.4703

■ 6.5411, 6.5552,
10.2834

158.4234,
163.9151, 203.2409

■ 3.2205, 3.1855,
5.4792

195.5527,
202.5615, 248.9894

■ 1.2714, 1.2294,
2.4675

238.0723,

■ 0.1617, 0.0855,

246.8498, 301.1343

0.8228

286.3476,
297.1643, 360.0941

■ 0.0000, 0.0000,
0.0000

■ 40.8445, 41.8569,
55.7956

■ 40.8445, 41.8569,
55.7956

■ 33.8871, 33.6599,
54.5808

■ 48.8468, 51.2423,
57.1861

■ 27.9278, 26.5989,
53.5319

■ 57.9308, 61.8555,
58.7558

■ 22.9219, 20.6252,
52.6427

■ 68.1361, 73.7404,
60.5120

■ 18.8197, 15.6846,
51.9053

■ 79.4992, 86.9373,
62.4603

■ 15.5669, 11.7182,
51.3112

■ 86.5145, 96.5858,
63.9529

■ 13.1037, 8.6613,
50.8510

■ 11.3619, 6.4411,
50.5142

■ 10.2621, 4.9734,
50.2889

■ 9.7225, 4.2217,
50.1722

Harmonies

Analogous

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



39.0336, 41.8569, 56.0565



40.8445, 41.8569, 55.7956



42.4158, 41.8569, 52.6701

Triad

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



40.8445, 41.8569, 55.7956



42.1896, 41.8569, 38.5883



36.4699, 41.8569, 43.4472

Complementary

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



40.8445, 41.8569, 55.7956



47.4075, 50.9352, 45.3638

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.



37.2629, 41.8569, 39.1476



40.8445, 41.8569, 55.7956



40.5434, 41.8569, 36.4890

Square

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



40.8445, 41.8569, 55.7956



43.2085, 41.8569, 42.6295



38.7415, 41.8569, 36.6857



36.5449, 41.8569, 48.6532

Rectangle

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



40.8445, 41.8569, 55.7956



43.0993, 41.8569, 49.5081



38.7415, 41.8569, 36.6857



36.6427, 41.8569, 41.8560

Sweetspot

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



40.8457, 41.8587, 55.7965



86.0722, 89.9968, 103.1949



44.7003, 49.9550, 55.8876



18.2031, 19.0001, 22.0933



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.8457, 41.8587, 55.7965



70.3357, 71.5240, 100.4587



42.4341, 42.1159, 55.7625



9.6004, 9.8921, 12.6882



6.5678, 2.8920, 33.7687



0.3094, 0.1762, 1.4676

Inverse Universe

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



43.5603, 42.9353, 45.0233



76.3349, 73.9297, 76.6440



45.6821, 50.6941, 45.4082



10.1096, 10.0924, 10.6677



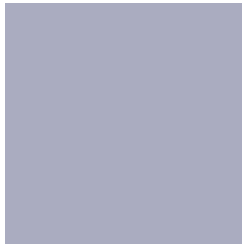
14.7111, 7.5742, 1.1246



0.6485, 0.3324, 0.1166

Previews

White Background



This preview shows how the XYZ color 40.8445, 41.8569, 55.7956 looks on a white background.

Color Contrast Check

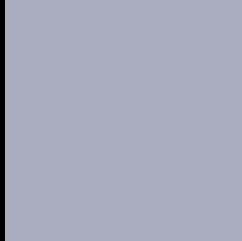
Large Text (above 18pt) WCAG AA × Fail

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 40.8445, 41.8569, 55.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

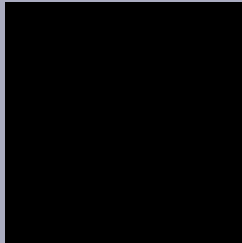
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8445, 41.8569, 55.7956

Background



This preview shows how black text looks on a background with the XYZ color 40.8445, 41.8569, 55.7956.



This preview shows how white text looks on a background with the XYZ color 40.8445, 41.8569,

55.7956.

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

40.8445, 41.8569, 55.7956

Protanopia

41.0615, 41.9687, 55.8058

Deuteranopia

42.6843, 41.6793, 56.2473



Tritanopia

40.2754, 41.9100, 52.9804

Trichromacy



Original Color

40.8445, 41.8569, 55.7956

Protanomaly

41.0615, 41.9687, 55.8058

Deuteranomaly

41.9451, 41.5733, 56.2658

Tritanomaly

40.4911, 41.9963, 54.1161

Monochromacy



Original Color

40.8445, 41.8569, 55.7956

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5176, 42.1076, 49.7081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8445, 41.8569, 55.7956 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(170, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 192)  
}
```

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(170, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.8445, 41.8569, 55.7956 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(170, 172, 192) }
```


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

```
.border{ border-color:rgb(170, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 172,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8445, 41.8569, 55.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 192) }
```

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

```
.background{ background-color: rgb(170,  
172, 192) }
```

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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