

Converting Colors

XYZ(41.2292, 39.7132, 56.2336)

Have a look what the booklet for
XYZ(41.2292, 39.7132, 56.2336)
contains.

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Color

**XYZ(41.2612, 39.8662,
55.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A4C1
RGB	178, 164, 193
RGB Percent	70%, 64%, 76%
CMY	0.3020, 0.3568, 0.2431
CMYK	0.08, 0.15, 0.00, 0.24
HSL	269°, 19%, 70%
HSV	269°, 15%, 76%
XYZ	41.2612, 39.8662, 55.9723
YIQ	171.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

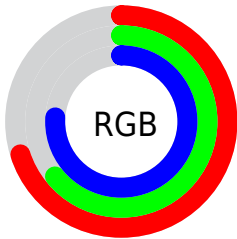
Format	Color
R_{YB}	178, 164, 193
Decimal	11707585
CIE Lab	69.37, 10.60, -13.02
CIE LCh	69, 16.787, 309.155
Yxy	39.8662, 0.3010, 0.2908
Android (android.graphics.Color)	4289897665 (0xFFB2A4C1)
YUV	171.4920, 10.6034, 5.7075
Hunter-Lab	63.1397, 6.1536, -8.3618

Details

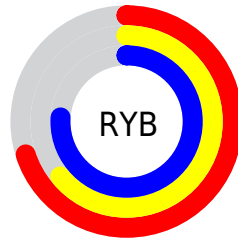
The XYZ color **41.2612, 39.8662, 55.9723** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3627, 50.4050, 42.5149**, and the grayscale version is **38.9058, 40.9320, 44.5749**.

A 20% lighter version of the original color is **76.3621, 74.9950, 100.0733**, and **18.9118, 17.8124, 26.8675** is the 20% darker color. If you saturate the color by 10%, you get **35.8582, 32.3376, 54.8045**, and if you desaturate by 10%, it is **47.3574, 48.5324, 57.3244**.

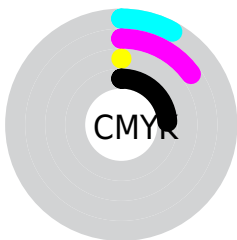
Distribution



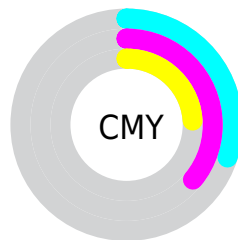
- Red (70%)
- Green (64%)
- Blue (76%)



- Red (70%)
- Yellow (64%)
- Blue (76%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2612, 39.8662, 55.9723 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 41.2612, 39.8662, 55.9723 by changing the saturation by 10% instead.

■ 41.2612, 39.8662,
55.9723

■ 41.2612, 39.8662,
55.9723

342.4551,
345.5593, 426.9725

■ 28.7118, 27.4342,
39.7769

■ 76.3525, 74.9597,
100.4495

■ 19.0061, 17.8996,
27.0522

■ 99.6250, 98.3901,
129.5683

■ 11.7787, 10.8779,
17.3796

127.2027,
126.2553, 163.8320

■ 6.6643, 5.9848,
10.3407

159.4508,
158.9399, 203.6591

■ 3.2975, 2.8358,
5.5169

196.7348,
196.8282, 249.4681

■ 1.3130, 1.0466,
2.4896

239.4199,

■ 0.1929, 0.0000,

240.3046, 301.6777

0.8346

287.8716,
289.7535, 360.7063

■ 0.0000, 0.0000,
0.0000

■ 41.2612, 39.8662,
55.9723

■ 41.2612, 39.8662,
55.9723

■ 35.8582, 32.3376,
54.8045

■ 47.3574, 48.5324,
57.3244

■ 31.1179, 25.8926,
53.8103

■ 54.1688, 58.3771,
58.8656

■ 27.0124, 20.4804,
52.9821

■ 61.7207, 69.4451,
60.6039

■ 23.5104, 16.0440,
52.3103

■ 70.0360, 81.7777,
62.5461

■ 20.5776, 12.5204,
51.7848

■ 77.3552, 91.8511,
64.1047

■ 18.1758, 9.8394,
51.3939

■ 80.6132, 93.5307,
64.2571

■ 16.2612, 7.9197,
51.1243

■ 84.0570, 95.3061,
64.4183

■ 14.7813, 6.6628,
50.9597

■ 86.6258, 96.6303,
64.5385

■ 14.1567, 6.1861,
50.9006

Harmonies

Analogous

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



38.7227, 39.8662, 59.7825



41.2612, 39.8662, 55.9723



42.9474, 39.8662, 48.9095

Triad

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



41.2612, 39.8662, 55.9723



39.7670, 39.8662, 30.9549



32.9991, 39.8662, 45.8136

Complementary

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



41.2612, 39.8662, 55.9723



44.3627, 50.4050, 42.5149

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.



33.2490, 39.8662, 38.3344



41.2612, 39.8662, 55.9723



37.0725, 39.8662, 30.3342

Square

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



41.2612, 39.8662, 55.9723



42.0567, 39.8662, 34.6891



34.7107, 39.8662, 32.8796



34.0110, 39.8662, 53.4765

Rectangle

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



41.2612, 39.8662, 55.9723



43.3168, 39.8662, 43.6268



34.7107, 39.8662, 32.8796



32.9394, 39.8662, 43.1889

Sweetspot

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



41.2624, 39.8679, 55.9732



84.7542, 86.8315, 102.6534



41.1508, 44.1719, 56.8098



18.0079, 18.3779, 21.9835



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.



41.2624, 39.8679, 55.9732



70.6138, 66.7903, 99.5304



44.6489, 41.6137, 56.1317



9.9806, 9.9812, 12.6854



9.5072, 4.1616, 33.8588



0.4903, 0.2208, 1.4667

Inverse Universe

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



43.4059, 41.1449, 48.3039



75.2297, 69.5407, 82.9922



41.2824, 48.8171, 42.3708



10.2858, 10.1629, 11.5958



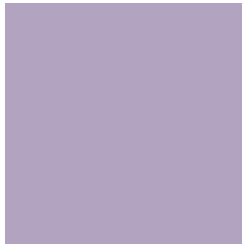
16.1928, 8.1669, 8.9271



0.7344, 0.3667, 0.5685

Previews

White Background



This preview shows how the XYZ color 41.2612, 39.8662, 55.9723 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 41.2612, 39.8662, 55.9723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

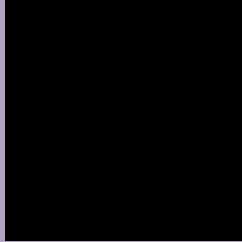
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2612, 39.8662, 55.9723

Background



This preview shows how black text looks on a background with the XYZ color 41.2612, 39.8662, 55.9723.



This preview shows how white text looks on a background with the XYZ color 41.2612, 39.8662,

55.9723.

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

41.2612, 39.8662, 55.9723

Protanopia

39.4835, 39.9901, 57.8624

Deuteranopia

40.7600, 39.8745, 56.0003



Tritanopia

39.6774, 39.7572, 48.2305

Trichromacy



Original Color

41.2612, 39.8662, 55.9723

Protanomaly

40.2466, 40.1236, 57.2532

Deuteranomaly

40.9853, 39.9906, 56.0109

Tritanomaly

40.2383, 39.7181, 50.8930

Monochromacy



Original Color

41.2612, 39.8662, 55.9723

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5949, 40.2586, 48.3316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2612, 39.8662, 55.9723 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(178, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 193)  
}
```

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(178, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.2612, 39.8662, 55.9723 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(178, 164, 193) }
```


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

```
.border{ border-color:rgb(178, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2612, 39.8662, 55.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 193) }
```

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

```
.background{ background-color: rgb(178,  
164, 193) }
```

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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