

Converting Colors

XYZ(41.7065, 38.9750, 53.9869)

Have a look what the booklet for
XYZ(41.7065, 38.9750, 53.9869)
contains.

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Color

**XYZ(41.8727, 39.1736,
54.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A0BE
RGB	185, 160, 190
RGB Percent	73%, 63%, 75%
CMY	0.2745, 0.3725, 0.2549
CMYK	0.03, 0.16, 0.00, 0.25
HSL	290°, 19%, 69%
HSV	290°, 16%, 75%
XYZ	41.8727, 39.1736, 54.0695
YIQ	170.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

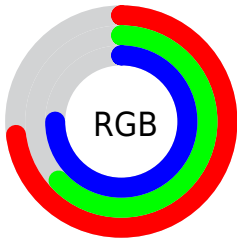
Format	Color
R_{YB}	185, 160, 190
Decimal	12165310
CIE _{Lab}	68.88, 14.60, -12.04
CIE _{LCh}	69, 18.926, 320.501
Yxy	39.1736, 0.3099, 0.2899
Android (android.graphics.Color)	4290355390 (0xFFB9A0BE)
YUV	170.8950, 9.4188, 12.3701
Hunter-Lab	62.5888, 9.8883, -7.4075

Details

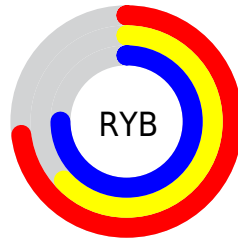
The XYZ color **41.8727, 39.1736, 54.0695** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.2770, 47.3652, 40.2792**, and the grayscale version is **38.6094, 40.6201, 44.2352**.

A 20% lighter version of the original color is **77.2106, 73.9555, 97.3942**, and **19.3936, 17.4368, 26.0104** is the 20% darker color. If you saturate the color by 10%, you get **38.0723, 32.6937, 53.0196**, and if you desaturate by 10%, it is **46.1958, 46.6724, 55.2896**.

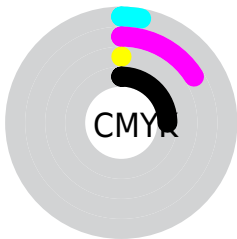
Distribution



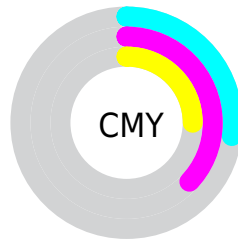
- Red (73%)
- Green (63%)
- Blue (75%)



- Red (73%)
- Yellow (63%)
- Blue (75%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)




- Cyan (27%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8727, 39.1736, 54.0695 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 41.8727, 39.1736, 54.0695 by changing the saturation by 10% instead.


 41.8727, 39.1736,
54.0695


 41.8727, 39.1736,
54.0695


344.9556,
342.6280, 419.5571

 29.1923, 26.8948,
38.2637


 77.2733, 73.9034,
97.6337

 19.3714, 17.4942,
25.8840


 100.7242, 97.1233,
126.2292

 12.0445, 10.5875,
16.5119


128.4960,
124.7589, 159.9249

 6.8464, 5.7902,
9.7288

160.9540,
157.1948, 199.1395

 3.4117, 2.7179,
5.1163

198.4636,
194.8152, 244.2915

 1.3750, 0.9863,
2.2557

241.3902,

 0.2383, 0.0000,

238.0046, 295.7994

0.7063

290.0991,
287.1474, 354.0817

■ 0.0000, 0.0000,
0.0000

■ 41.8727, 39.1736,
54.0695

■ 41.8727, 39.1736,
54.0695

■ 38.0723, 32.6937,
53.0196

■ 46.1958, 46.6724,
55.2896

■ 34.7683, 27.1820,
52.1299

■ 51.0596, 55.2277,
56.6846

■ 31.9371, 22.5912,
51.3930

■ 56.4854, 64.8815,
58.2620

■ 29.5519, 18.8676,
50.8000

■ 62.4924, 75.6720,
60.0282

■ 27.5833, 15.9525,
50.3411

■ 69.0973, 87.6323,
61.9887

■ 25.9978, 13.7792,
50.0052

■ 69.9565, 88.0753,
62.0289

■ 24.7570, 12.2710,
49.7794

■ 70.8334, 88.5273,
62.0699

■ 23.8123, 11.3310,
49.6478

■ 71.7280, 88.9885,
62.1118

■ 23.4609, 11.0209,
49.6065

■ 72.6405, 89.4589,
62.1545

Harmonies

Analogous

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



39.2941, 39.1736, 60.1083



41.8727, 39.1736, 54.0695



43.2285, 39.1736, 45.4431

Triad

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



41.8727, 39.1736, 54.0695



38.1951, 39.1736, 28.3244



32.0788, 39.1736, 48.7160

Complementary

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



41.8727, 39.1736, 54.0695



40.2770, 47.3652, 40.2792

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.



31.8198, 39.1736, 39.9802



41.8727, 39.1736, 54.0695



35.2459, 39.1736, 28.9541

Square

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



41.8727, 39.1736, 54.0695



41.0311, 39.1736, 31.1152



32.9500, 39.1736, 32.9692



33.6774, 39.1736, 56.7405

Rectangle

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



41.8727, 39.1736, 54.0695



43.2091, 39.1736, 39.7076



32.9500, 39.1736, 32.9692



31.8356, 39.1736, 45.7414

Sweetspot

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



41.8739, 39.1753, 54.0704



84.3029, 85.6081, 100.3599



37.2482, 38.1033, 54.1072



18.3816, 18.5706, 22.0010



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.



41.8739, 39.1753, 54.0704



73.3504, 66.6504, 97.2780



42.0454, 39.3857, 48.5673



9.7697, 9.6136, 12.0129



15.6570, 7.3575, 32.9878



0.6554, 0.3099, 1.2941

Inverse Universe

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



40.5988, 38.8071, 40.9497



70.6256, 65.8736, 68.7871



40.1677, 47.2037, 45.0259



9.5933, 9.5616, 10.2474



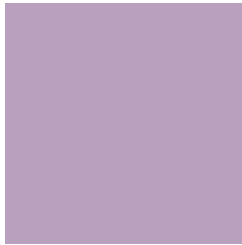
14.3106, 7.3554, 1.6633



0.5810, 0.2963, 0.1730

Previews

White Background



This preview shows how the XYZ color 41.8727, 39.1736, 54.0695 looks on a white background.

Color Contrast Check

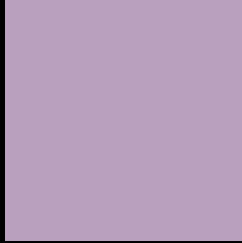
Large Text (above 18pt) WCAG AA × Fail

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 41.8727, 39.1736, 54.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

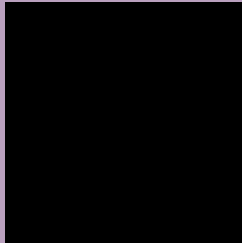
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8727, 39.1736, 54.0695

Background



This preview shows how black text looks on a background with the XYZ color 41.8727, 39.1736, 54.0695.



This preview shows how white text looks on a background with the XYZ color 41.8727, 39.1736,

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

41.8727, 39.1736, 54.0695

Protanopia

38.6606, 39.3190, 56.5906

Deuteranopia

40.1400, 39.3390, 53.6217



Tritanopia

40.3635, 39.3568, 46.0267

Trichromacy



Original Color

41.8727, 39.1736, 54.0695

Protanomaly

39.6957, 39.0591, 55.8990

Deuteranomaly

40.8729, 39.4522, 53.6049

Tritanomaly

40.9257, 39.3263, 48.6137

Monochromacy



Original Color

41.8727, 39.1736, 54.0695

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7591, 40.0819, 47.7605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8727, 39.1736, 54.0695 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(185, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 190)  
}
```

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(185, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.8727, 39.1736, 54.0695 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(185, 160, 190) }
```


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

```
.border{ border-color:rgb(185, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8727, 39.1736, 54.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 190) }
```

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

```
.background{ background-color: rgb(185,  
160, 190) }
```

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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