

Converting Colors

XYZ(36.9610, 25.8537, 54.0593)

Have a look what the booklet for
XYZ(36.9610, 25.8537, 54.0593)
contains.

XYZ(37.0925, 25.9576, 54.0943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.0925, 25.9576,
54.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	C16CC2
RGB	193, 108, 194
RGB Percent	76%, 42%, 76%
CMY	0.2431, 0.5765, 0.2392
CMYK	0.01, 0.44, 0.00, 0.24
HSL	299°, 41%, 59%
HSV	299°, 44%, 76%
XYZ	37.0925, 25.9576, 54.0943
YIQ	143.2190, 23.0540, 44.7660

Conversions

Conversions Part 2

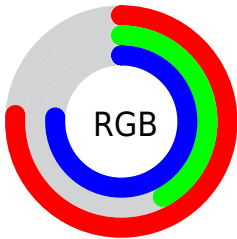
Format	Color
R _{YB}	193, 108, 194
Decimal	12676290
CIE Lab	58.00, 46.43, -30.82
CIE LCh	58, 55.733, 326.426
Yxy	25.9576, 0.3166, 0.2216
Android (android.graphics.Color)	4290866370 (0xFFC16CC2)
YUV	143.2190, 25.0350, 43.6579
Hunter-Lab	50.9486, 40.7947, -27.2867

Details

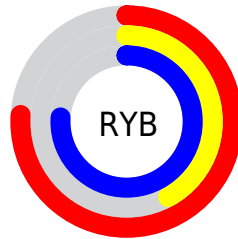
The XYZ color **37.0925, 25.9576, 54.0943** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.3061, 42.9181, 20.9807**, and the grayscale version is **26.0933, 27.4522, 29.8955**.

A 20% lighter version of the original color is **70.1166, 53.3149, 97.8620**, and **16.4643, 10.0402, 25.8811** is the 20% darker color. If you saturate the color by 10%, you get **35.2125, 22.2822, 53.4843**, and if you desaturate by 10%, it is **39.4296, 30.5458, 54.8571**.

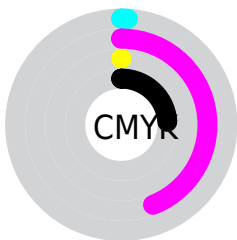
Distribution



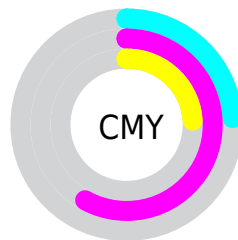
- Red (76%)
- Green (42%)
- Blue (76%)



- Red (76%)
- Yellow (42%)
- Blue (76%)



- Cyan (1%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0925, 25.9576, 54.0943 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 37.0925, 25.9576, 54.0943 by changing the saturation by 10% instead.

 37.0925, 25.9576,
54.0943


 37.0925, 25.9576,
54.0943


325.0594,
282.5739, 419.6543


 25.4531, 16.7919,
38.2834


 70.0279, 53.2065,
97.6705


 16.5455, 10.0862,
25.8992


 92.0547, 72.0586,
126.2728

 10.0043, 5.4562,
16.5231


 118.2746, 94.9082,
159.9760

 5.4641, 2.5173,
9.7367

 149.0531,
122.1398, 199.1987

 2.5596, 0.8853,
5.1214

184.7555,
154.1378, 244.3593

 0.9254, 0.0000,
2.2587

225.7471,

 0.0000, 0.0000,

191.2865, 295.8764

0.7079

272.3933,
233.9704, 354.1685

■ 0.0000, 0.0000,
0.0000

■ 37.0925, 25.9576,
54.0943

■ 37.0925, 25.9576,
54.0943

■ 35.2125, 22.2822,
53.4843

■ 39.4296, 30.5458,
54.8571

■ 33.7563, 19.4550,
53.0154

■ 42.2488, 36.0987,
55.7803

■ 32.6906, 17.4085,
52.6765

■ 45.5766, 42.6687,
56.8731

■ 31.9757, 16.0637,
52.4546

■ 49.4367, 50.3030,
58.1432

■ 31.5638, 15.3246,
52.3337

■ 53.8513, 59.0463,
59.5982

■ 31.4117, 15.0685,
52.2923

■ 58.8413, 68.9404,
61.2449

■ 64.4268, 80.0252,
63.0901

■ 67.9530, 86.9912,
64.2488

■ 68.0112, 87.0212,
64.2515

Harmonies

Analogous

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



30.8869, 25.9576, 76.1014



37.0925, 25.9576, 54.0943



39.9621, 25.9576, 30.6361

Triad

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



37.0925, 25.9576, 54.0943



25.4870, 25.9576, 5.0708



14.8078, 25.9576, 48.1600

Complementary

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



37.0925, 25.9576, 54.0943



28.3061, 42.9181, 20.9807

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.



13.8840, 25.9576, 26.0165



37.0925, 25.9576, 54.0943



19.3521, 25.9576, 6.3775

Square

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



37.0925, 25.9576, 54.0943



32.5377, 25.9576, 7.2722



15.3889, 25.9576, 12.3296



18.1884, 25.9576, 71.7190

Rectangle

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



37.0925, 25.9576, 54.0943



39.2728, 25.9576, 19.0301



15.3889, 25.9576, 12.3296



14.2295, 25.9576, 40.0844

Sweetspot

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



37.0934, 25.9588, 54.0948



83.3084, 78.7583, 103.2808



21.4380, 18.1144, 53.4059



17.9232, 16.6139, 22.5121



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.0934, 25.9588, 54.0948



63.9435, 40.6575, 96.9473



33.3146, 24.4768, 32.8619



10.4854, 10.2414, 12.7090



20.6573, 9.9097, 34.3806



0.8963, 0.4301, 1.4857

Inverse Universe

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



30.3718, 23.2997, 17.3655



50.2662, 35.2515, 21.9899



30.9472, 43.9605, 35.5268



10.0779, 10.0797, 10.5005



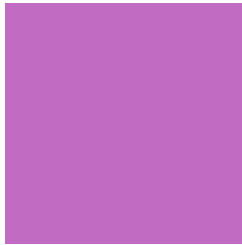
14.6377, 7.5448, 0.7384



0.6341, 0.3267, 0.0407

Previews

White Background



This preview shows how the XYZ color 37.0925, 25.9576, 54.0943 looks on a white background.

Color Contrast Check

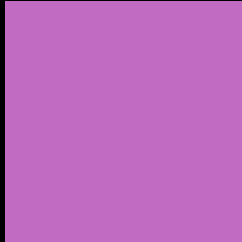
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0925, 25.9576, 54.0943 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 × Fail

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

XYZ 37.0925, 25.9576, 54.0943

Background



This preview shows how black text looks on a background with the XYZ color 37.0925, 25.9576, 54.0943.



This preview shows how white text looks on a background with the XYZ color 37.0925, 25.9576,

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

37.0925, 25.9576, 54.0943

Protanopia

28.0310, 26.2683, 69.9226

Deuteranopia

26.8780, 26.2867, 51.8013



Tritanopia

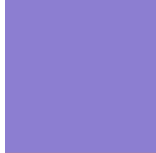
31.0639, 25.8720, 24.8293

Trichromacy



Original Color

37.0925, 25.9576, 54.0943



Protanomaly

29.7847, 25.1006, 63.5967



Deuteranomaly

29.5710, 25.4244, 52.6390



Tritanomaly

32.9331, 25.7470, 33.8058

Monochromacy



Original Color

37.0925, 25.9576, 54.0943



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

29.2022, 26.1510, 37.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0925, 25.9576, 54.0943 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(193, 108, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 108, 194)  
}
```

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(193, 108, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 108, 194) }
```

Border

The CSS property to change the border of an element to XYZ 37.0925, 25.9576, 54.0943 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(193, 108, 194) }
```


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

```
.border{ border-color:rgb(193, 108, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 108, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 108, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 108, 194); box-shadow:4px 4px 4px 4px rgb(193, 108, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0925, 25.9576, 54.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 108, 194) }
```

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

```
.background{ background-color: rgb(193,  
108, 194) }
```

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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