

Converting Colors

XYZ(35.7003, 22.9299, 52.9608)

Have a look what the booklet for
XYZ(35.7003, 22.9299, 52.9608)
contains.

XYZ(35.7009, 22.9739, 53.0048)	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(35.7009, 22.9739,
53.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	C25CC1
RGB	194, 92, 193
RGB Percent	76%, 36%, 76%
CMY	0.2392, 0.6392, 0.2431
CMYK	0.00, 0.53, 0.01, 0.24
HSL	301°, 46%, 56%
HSV	301°, 53%, 76%
XYZ	35.7009, 22.9739, 53.0048
YIQ	134.0120, 28.3710, 53.0350

Conversions

Conversions Part 2

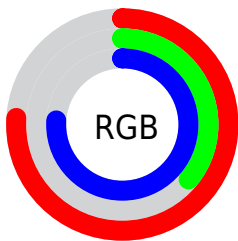
Format	Color
RYB	194, 92, 193
Decimal	12737729
CIELab	55.05, 54.53, -34.84
CIELCh	55, 64.708, 327.425
Yxy	22.9739, 0.3197, 0.2057
Android (android.graphics.Color)	4290927809 (0xFFC25CC1)
YUV	134.0120, 29.0811, 52.6095
Hunter-Lab	47.9311, 49.0742, -32.0143

Details

The XYZ color **35.7009, 22.9739, 53.0048** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **25.6822, 41.6501, 17.0429**, and the grayscale version is **22.5545, 23.7291, 25.8410**.

A 20% lighter version of the original color is **68.0422, 48.3425, 96.1873**, and **15.7723, 8.5291, 25.2411** is the 20% darker color. If you saturate the color by 10%, you get **34.2096, 20.0246, 52.4032**, and if you desaturate by 10%, it is **37.6241, 26.7858, 53.7509**.

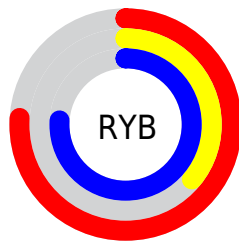
Distribution



Red (76%)

Green (36%)

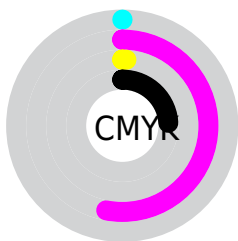
Blue (76%)



Red (76%)

Yellow (36%)

Blue (76%)

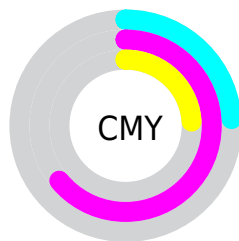


Cyan (0%)

Magenta (53%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (64%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7009, 22.9739, 53.0048 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 35.7009, 22.9739, 53.0048 by changing the saturation by 10% instead.

 35.7009, 22.9739,
53.0048

 35.7009, 22.9739,
53.0048


319.1054,
267.5909, 415.3704


 24.3723, 14.5742,
37.4189


 67.8971, 48.3505,
96.0531


 15.7363, 8.5211,
25.2336


 89.4953, 66.0962,
124.3524

 9.4274, 4.4302,
16.0306


 115.2476, 87.7260,
157.7267

 5.0803, 1.9170,
9.3912

 145.5191,
113.6243, 196.5944

 2.3297, 0.5586,
4.8969

180.6753,
144.1756, 241.3741

 0.8098, 0.0000,
2.1292

221.0815,

 0.0000, 0.0000,

179.7642, 292.4843

0.6331

267.1031,
220.7745, 350.3435

■ 0.0000, 0.0000,
0.0000

■ 35.7009, 22.9739,
53.0048

■ 35.7009, 22.9739,
53.0048

■ 34.2096, 20.0246,
52.4032

■ 37.6241, 26.7858,
53.7509

■ 33.1142, 17.8677,
51.9335

■ 40.0068, 31.5171,
54.6501

■ 32.3770, 16.4272,
51.5834

■ 42.8771, 37.2236,
55.7120

■ 31.9519, 15.6109,
51.3374

■ 46.2602, 43.9556,
56.9449

■ 31.7737, 15.2796,
51.2006

■ 50.1795, 51.7600,
58.3567

■ 54.6570, 60.6808,
59.9547

■ 59.7135, 70.7596,
61.7458

■ 65.3687, 82.0357,
63.7367

■ 67.8264, 86.9167,
64.6618

Harmonies

Analogous

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



28.8521, 22.9739, 79.2804



35.7009, 22.9739, 53.0048



38.7886, 22.9739, 26.8385

Triad

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



35.7009, 22.9739, 53.0048



22.4639, 22.9739, 2.6349



11.7098, 22.9739, 48.0764

Complementary

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



35.7009, 22.9739, 53.0048



25.6822, 41.6501, 17.0429

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.



10.7214, 22.9739, 23.2754



35.7009, 22.9739, 53.0048



16.0609, 22.9739, 3.7475

Square

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



35.7009, 22.9739, 53.0048



30.1687, 22.9739, 4.2727



12.1252, 22.9739, 9.1658



15.1990, 22.9739, 75.4990

Rectangle

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



35.7009, 22.9739, 53.0048



37.8845, 22.9739, 14.9223



12.1252, 22.9739, 9.1658



11.1128, 22.9739, 38.8628

Sweetspot

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



35.7017, 22.9749, 53.0053



81.4452, 74.9272, 102.3099



17.9795, 13.8258, 52.7606



17.5526, 15.8450, 22.3017



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.



35.7017, 22.9749, 53.0053



61.6534, 35.6379, 94.8049



31.0342, 21.1079, 28.4264



10.4929, 10.2458, 12.6862



20.8919, 10.0465, 33.6726



0.9041, 0.4346, 1.4623

Inverse Universe

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



35.7017, 22.9749, 53.0053



61.6534, 35.6379, 94.8049



28.6643, 42.8429, 32.7466



10.4929, 10.2458, 12.6862



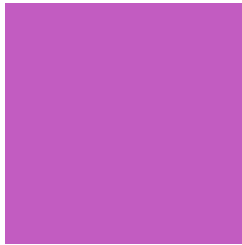
20.8919, 10.0465, 33.6726



0.9041, 0.4346, 1.4623

Previews

White Background



This preview shows how the XYZ color 35.7009, 22.9739, 53.0048 looks on a white background.

Color Contrast Check

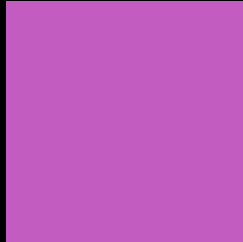
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7009, 22.9739, 53.0048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

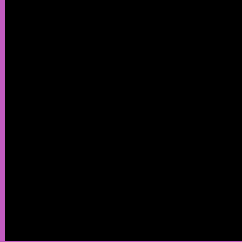
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7009, 22.9739, 53.0048

Background



This preview shows how black text looks on a background with the XYZ color 35.7009, 22.9739, 53.0048.



This preview shows how white text looks on a background with the XYZ color 35.7009, 22.9739,

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

35.7009, 22.9739, 53.0048

Protanopia

25.7552, 23.3609, 74.3858

Deuteranopia

23.7893, 23.2885, 49.6957



Tritanopia

29.0218, 23.0151, 20.3655

Trichromacy



Original Color

35.7009, 22.9739, 53.0048



Protanomaly

27.1577, 21.8841, 65.7435



Deuteranomaly

26.7019, 22.1475, 51.0117



Tritanomaly

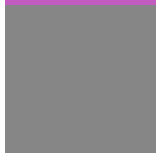
30.8777, 22.6673, 29.9419

Monochromacy



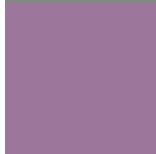
Original Color

35.7009, 22.9739, 53.0048



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

26.2235, 22.6281, 33.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7009, 22.9739, 53.0048 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(194, 92, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 92, 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(194, 92, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 92, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.7009, 22.9739, 53.0048 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(194, 92, 193) }
```


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

```
.border{ border-color:rgb(194, 92, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 92, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 92, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 92, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 92,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7009, 22.9739, 53.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 92, 193) }
```

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

```
.background{ background-color: rgb(194, 92,  
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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