

Converting Colors

XYZ(35.1097, 22.6001, 30.6291)

Have a look what the booklet for
XYZ(35.1097, 22.6001, 30.6291)
contains.

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Color

**XYZ(35.1295, 22.6729,
30.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	D15894
RGB	209, 88, 148
RGB Percent	82%, 35%, 58%
CMY	0.1804, 0.6549, 0.4196
CMYK	0.00, 0.58, 0.29, 0.18
HSL	330°, 57%, 58%
HSV	330°, 58%, 82%
XYZ	35.1295, 22.6729, 30.5417
YIQ	131.0190, 52.8560, 44.3120

Conversions

Conversions Part 2

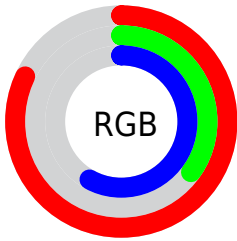
Format	Color
R _Y B	209, 88, 148
Decimal	13719700
CIE Lab	54.73, 53.94, -8.97
CIE LCh	55, 54.677, 350.562
Yxy	22.6729, 0.3976, 0.2566
Android (android.graphics.Color)	4291909780 (0xFFD15894)
YUV	131.0190, 8.3716, 68.3893
Hunter-Lab	47.6161, 48.3630, -4.6983

Details

The XYZ color **35.1295, 22.6729, 30.5417** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **32.2510, 49.8462, 36.3580**, and the grayscale version is **21.5389, 22.6606, 24.6774**.

A 20% lighter version of the original color is **61.7231, 45.1692, 61.3425**, and **15.3844, 8.3709, 12.1142** is the 20% darker color. If you saturate the color by 10%, you get **32.8567, 19.4018, 25.8548**, and if you desaturate by 10%, it is **37.9712, 26.9599, 35.7933**.

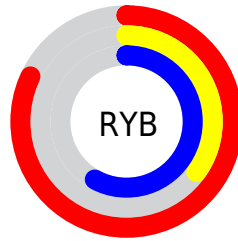
Distribution



Red (82%)

Green (35%)

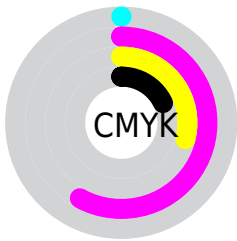
Blue (58%)



Red (82%)

Yellow (35%)

Blue (58%)

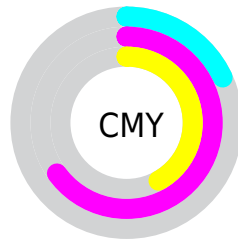


Cyan (0%)

Magenta (58%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (65%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1295, 22.6729, 30.5417 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 35.1295, 22.6729, 30.5417 by changing the saturation by 10% instead.

 35.1295, 22.6729,
30.5417


 35.1295, 22.6729,
30.5417


316.6376,
266.0405, 318.7069


 23.9296, 14.3522,
19.9946


 67.0190, 47.8557,
61.5889


 15.4059, 8.3660,
12.2071


 88.4394, 65.4865,
82.9260

 9.1929, 4.3300,
6.7606


 113.9973, 86.9895,
108.6970

 4.9253, 1.8598,
3.2367

 144.0582,
112.7490, 139.3202

 2.2378, 0.5241,
1.2167

178.9872,
143.1495, 175.2143

 0.7626, 0.0000,
0.0000

219.1499,

 0.0000, 0.0000,

178.5753, 216.7977

0.0000

264.9116,
219.4108, 264.4891

■ 35.1295, 22.6729,
30.5417

■ 35.1295, 22.6729,
30.5417

■ 32.8567, 19.4018,
25.8548

■ 37.9712, 26.9599,
35.7933

■ 31.1056, 17.0559,
21.7063

■ 41.4199, 32.3367,
41.6312

■ 29.8239, 15.5338,
18.0685

■ 45.5127, 38.8738,
48.0772

■ 28.9362, 14.6885,
14.9056

■ 50.2828, 46.6352,
55.1514

■ 28.7745, 14.5473,
14.2900

■ 55.7613, 55.6799,
62.8726

■ 61.9770, 66.0632,
71.2589

■ 68.9574, 77.8370,
80.3275

■ 76.6621, 90.9183,
90.0728

■ 78.2069, 91.5363,
98.2079

Harmonies

Analogous

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



31.8015, 22.6729, 52.3570



35.1295, 22.6729, 30.5417



34.3299, 22.6729, 14.7648

Triad

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



35.1295, 22.6729, 30.5417



17.7289, 22.6729, 4.8224



14.9921, 22.6729, 60.2353

Complementary

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



35.1295, 22.6729, 30.5417



32.2510, 49.8462, 36.3580

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.



12.4153, 22.6729, 38.2818



35.1295, 22.6729, 30.5417



13.7787, 22.6729, 9.0313

Square

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



35.1295, 22.6729, 30.5417



23.5075, 22.6729, 4.2830



12.0169, 22.6729, 19.6327



19.7041, 22.6729, 74.0636

Rectangle

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



35.1295, 22.6729, 30.5417



31.6123, 22.6729, 8.7783



12.0169, 22.6729, 19.6327



13.8875, 22.6729, 53.1853

Sweetspot

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



35.1302, 22.6741, 30.5421



79.4248, 74.0636, 87.3088



27.3030, 17.9270, 62.3429



16.6525, 15.2829, 18.1847



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.



35.1302, 22.6741, 30.5421



50.9495, 29.6231, 39.2501



31.5466, 21.2406, 11.6712



12.0496, 11.9046, 13.5372



17.7912, 8.9893, 9.0724



1.0348, 0.5186, 0.7182

Inverse Universe

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



35.1302, 22.6741, 30.5421



50.9495, 29.6231, 39.2501



38.3343, 52.2795, 68.3922



12.0496, 11.9046, 13.5372



17.7912, 8.9893, 9.0724



1.0348, 0.5186, 0.7182

Previews

White Background



This preview shows how the XYZ color 35.1295, 22.6729, 30.5417 looks on a white background.

Color Contrast Check

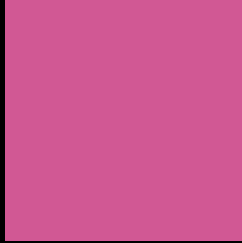
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1295, 22.6729, 30.5417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

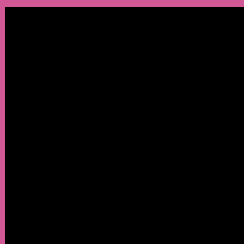
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1295, 22.6729, 30.5417

Background



This preview shows how black text looks on a background with the XYZ color 35.1295, 22.6729, 30.5417.



This preview shows how white text looks on a background with the XYZ color 35.1295, 22.6729,

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

35.1295, 22.6729, 30.5417

Protanopia

23.2903, 22.9514, 44.2768

Deuteranopia

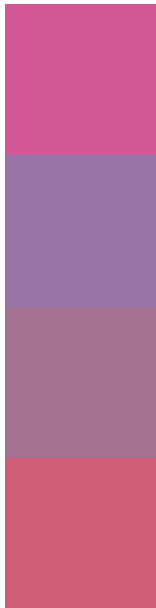
23.4169, 22.9668, 28.7900



Tritanopia

31.9502, 22.5280, 15.7611

Trichromacy



Original Color

35.1295, 22.6729, 30.5417

Protanomaly

25.7762, 21.5940, 38.8859

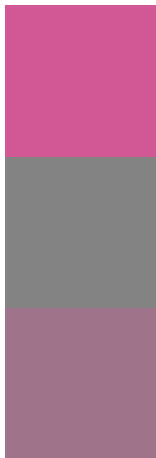
Deuteranomaly

26.4562, 21.8232, 29.2035

Tritanomaly

32.8465, 22.4833, 20.3778

Monochromacy



Original Color

35.1295, 22.6729, 30.5417

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.9442, 21.4385, 26.4903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1295, 22.6729, 30.5417 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(209, 88, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 88, 148)  
}
```

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(209, 88, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 88, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.1295, 22.6729, 30.5417 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(209, 88, 148) }
```


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

```
.border{ border-color:rgb(209, 88, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 88, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 88, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 88, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 88,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1295, 22.6729, 30.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 88, 148) }
```

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

```
.background{ background-color: rgb(209, 88,  
148) }
```

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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