

Converting Colors

XYZ(25.5901, 14.9920, 11.9009)

Have a look what the booklet for
XYZ(25.5901, 14.9920, 11.9009)
contains.

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Color

**XYZ(25.5901, 14.9920,
11.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	C2375D
RGB	194, 55, 93
RGB Percent	76%, 22%, 36%
CMY	0.2392, 0.7843, 0.6353
CMYK	0.00, 0.72, 0.52, 0.24
HSL	344°, 56%, 49%
HSV	344°, 72%, 76%
XYZ	25.5901, 14.9920, 11.9009
YIQ	100.8930, 70.6460, 41.2860

Conversions

Conversions Part 2

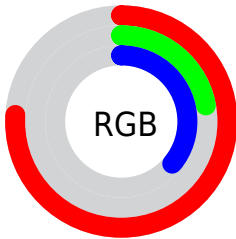
Format	Color
RYB	194, 55, 93
Decimal	12728157
CIELab	45.62, 57.24, 10.62
CIELCh	46, 58.220, 10.513
Yxy	14.9920, 0.4876, 0.2857
Android (android.graphics.Color)	4290918237 (0xFFC2375D)
YUV	100.8930, -3.8912, 81.6548
Hunter-Lab	38.7195, 50.2133, 8.8802

Details

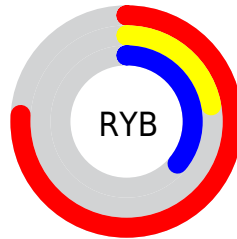
The XYZ color **25.5901, 14.9920, 11.9009** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26.8692, 41.7965, 38.1076**, and the grayscale version is **12.3399, 12.9825, 14.1380**.

A 20% lighter version of the original color is **51.9921, 34.8315, 29.9695**, and **10.3650, 5.2817, 3.2695** is the 20% darker color. If you saturate the color by 10%, you get **24.2749, 13.2706, 8.6607**, and if you desaturate by 10%, it is **27.3832, 17.4852, 15.8686**.

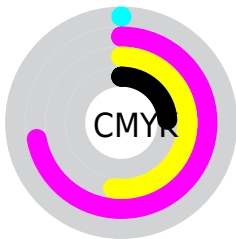
Distribution



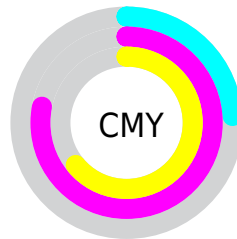
- Red (76%)
- Green (22%)
- Blue (36%)



- Red (76%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (52%)
- Black (24%)





- Cyan (24%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5901, 14.9920, 11.9009 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 25.5901, 14.9920, 11.9009 by changing the saturation by 10% instead.

 25.5901, 14.9920,
11.9009


 25.5901, 14.9920,
11.9009


273.0578,
223.3178, 214.7027


 16.6483, 8.8138,
6.5545


 52.0490, 34.8391,
29.9762


 10.0778, 4.6199,
3.1109


 70.2967, 49.2769,
43.5422


 5.5132, 2.0260,
1.1515

 92.3772, 67.2365,
60.6851

 2.5892, 0.6225,
0.0000

 118.6558, 89.1025,
81.8235

 0.9405, 0.0000,
0.0000

 149.4978,
115.2592, 107.3759

 0.0000, 0.0000,
0.0000

185.2685,

146.0911, 137.7609

226.3334,
181.9825, 173.3970

■ 25.5901, 14.9920,
11.9009

■ 25.5901, 14.9920,
11.9009

■ 24.2749, 13.2706,
8.6607

■ 27.3832, 17.4852,
15.8686

■ 23.3850, 12.2255,
6.0988

■ 29.6970, 20.8260,
20.6065

■ 22.8913, 11.7266,
4.4284

■ 32.5703, 25.0837,
26.1546

■ 36.0381, 30.3198,
32.5499

■ 40.1323, 36.5905,
39.8268

■ 44.8825, 43.9475,
48.0179

■ 50.3163, 52.4392,
57.1539

■ 56.4599, 62.1111,
67.2643

■ 63.3379, 73.0061,
78.3771

Harmonies

Analogous

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



25.0335, 14.9920, 27.0120



25.5901, 14.9920, 11.9009



22.6261, 14.9920, 4.3605

Triad

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



25.5901, 14.9920, 11.9009



8.9882, 14.9920, 3.2413



11.3466, 14.9920, 56.9396

Complementary

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



25.5901, 14.9920, 11.9009



26.8692, 41.7965, 38.1076

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.



8.2470, 14.9920, 40.6976



25.5901, 14.9920, 11.9009



7.1158, 14.9920, 8.9084

Square

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



25.5901, 14.9920, 11.9009



12.6074, 14.9920, 1.6017



6.8796, 14.9920, 21.7256



16.0283, 14.9920, 59.4760

Rectangle

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



25.5901, 14.9920, 11.9009



19.3771, 14.9920, 2.3354



6.8796, 14.9920, 21.7256



10.1170, 14.9920, 52.5956

Sweetspot

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



25.5905, 14.9929, 11.9011



72.9600, 66.6784, 72.5938



24.5488, 13.5592, 52.3621



15.4917, 13.8543, 15.0445



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.



25.5905, 14.9929, 11.9011



42.9706, 22.8224, 12.8923



26.1961, 18.2617, 5.7597



10.1838, 10.1221, 11.0584



15.0805, 7.7219, 3.0698



0.6817, 0.3457, 0.2910

Inverse Universe

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



25.5905, 14.9929, 11.9011



42.9706, 22.8224, 12.8923



24.5685, 31.2173, 55.7694



10.1838, 10.1221, 11.0584



15.0805, 7.7219, 3.0698



0.6817, 0.3457, 0.2910

Previews

White Background



This preview shows how the XYZ color 25.5901, 14.9920, 11.9009 looks on a white background.

Color Contrast Check

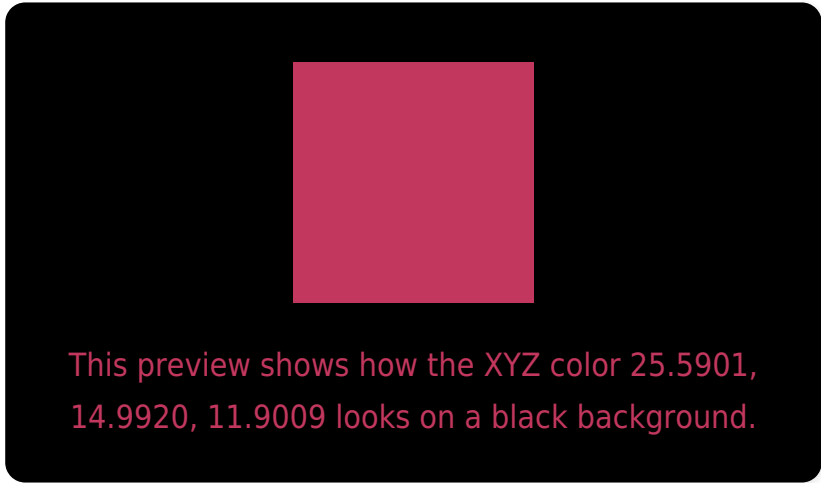
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

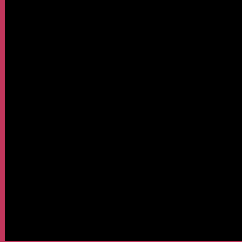
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5901, 14.9920, 11.9009

Background



This preview shows how black text looks on a background with the XYZ color 25.5901, 14.9920, 11.9009.



This preview shows how white text looks on a background with the XYZ color 25.5901, 14.9920,

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

25.5901, 14.9920, 11.9009

Protanopia

14.8772, 15.2314, 20.2450

Deuteranopia

15.3824, 15.0845, 10.9050



Tritanopia

24.3324, 14.9141, 6.4467

Trichromacy



Original Color

25.5901, 14.9920, 11.9009

Protanomaly

17.0891, 13.7814, 16.7983

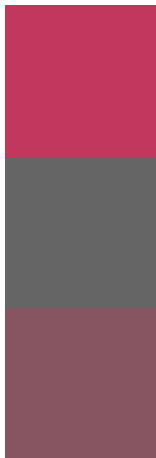
Deuteranomaly

17.8935, 13.9562, 11.2019

Tritanomaly

24.8263, 14.9734, 8.2383

Monochromacy



Original Color

25.5901, 14.9920, 11.9009

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.3666, 12.3734, 13.1337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5901, 14.9920, 11.9009 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, 55, 93)` looks like.

```
.text, #text, p{  
    color:rgb(194, 55, 93)  
}
```

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, 55, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 55, 93) }
```

Border

The CSS property to change the border of an element to XYZ 25.5901, 14.9920, 11.9009 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, 55, 93) }
```


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

```
.border{ border-color:rgb(194, 55, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 55, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 55, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 55, 93);  
box-shadow:4px 4px 4px 4px rgb(194, 55,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5901, 14.9920, 11.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 55, 93) }
```

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

```
.background{ background-color: rgb(194, 55,  
93) }
```

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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