

Converting Colors

XYZ(35.5510, 23.6303, 29.5350)

Have a look what the booklet for
XYZ(35.5510, 23.6303, 29.5350)
contains.

XYZ(35.6919, 23.7514, 29.4914)	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(35.6919, 23.7514,
29.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	D25E91
RGB	210, 94, 145
RGB Percent	82%, 37%, 57%
CMY	0.1765, 0.6313, 0.4314
CMYK	0.00, 0.55, 0.31, 0.18
HSL	334°, 56%, 60%
HSV	334°, 55%, 82%
XYZ	35.6919, 23.7514, 29.4914
YIQ	134.4980, 52.7650, 40.4530

Conversions

Conversions Part 2

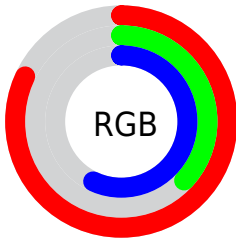
Format	Color
RYB	210, 94, 145
Decimal	13786769
CIELab	55.84, 51.08, -5.54
CIELCh	56, 51.382, 353.806
Yxy	23.7514, 0.4013, 0.2671
Android (android.graphics.Color)	4291976849 (0xFFD25E91)
YUV	134.4980, 5.1775, 66.2153
Hunter-Lab	48.7354, 45.4394, -1.7635

Details

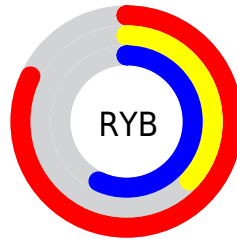
The XYZ color **35.6919, 23.7514, 29.4914** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **33.9220, 50.9767, 40.8553**, and the grayscale version is **22.8121, 24.0001, 26.1361**.

A 20% lighter version of the original color is **62.1387, 46.5633, 59.7454**, and **15.7076, 8.8878, 11.7141** is the 20% darker color. If you saturate the color by 10%, you get **33.2111, 20.1675, 24.4170**, and if you desaturate by 10%, it is **38.7759, 28.3911, 35.2311**.

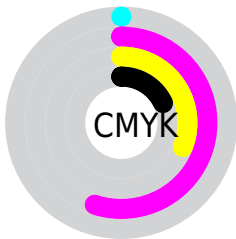
Distribution



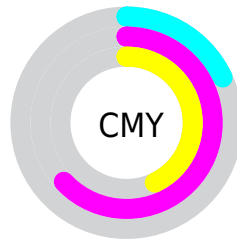
- Red (82%)
- Green (37%)
- Blue (57%)



- Red (82%)
- Yellow (37%)
- Blue (57%)



- Cyan (0%)
- Magenta (55%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6919, 23.7514, 29.4914 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 35.6919, 23.7514, 29.4914 by changing the saturation by 10% instead.


 35.6919, 23.7514,
29.4914


 35.6919, 23.7514,
29.4914


319.0667,
271.5612, 313.6597

 24.3653, 15.1493,
19.2041


 67.8832, 49.6242,
59.9084


 15.7311, 8.9242,
11.6395


 89.4787, 67.6637,
80.8752

 9.4237, 4.6918,
6.3792


 115.2279, 89.6178,
106.2388

 5.0779, 2.0676,
3.0045

 145.4962,
115.8710, 136.4180

 2.3282, 0.6463,
1.0969

180.6488,
146.8075, 171.8311

 0.8091, 0.0000,
0.0000

221.0512,

 0.0000, 0.0000,

182.8117, 212.8967

0.0000

267.0687,
224.2682, 260.0334

■ 35.6919, 23.7514,
29.4914

■ 35.6919, 23.7514,
29.4914

■ 33.2111, 20.1675,
24.4170

■ 38.7759, 28.3911,
35.2311

■ 31.2865, 17.5502,
19.9776

■ 42.5015, 34.1590,
41.6616

■ 29.8666, 15.8012,
16.1414

■ 46.9057, 41.1256,
48.8085

■ 28.8883, 14.7994,
12.8718

■ 52.0225, 49.3541,
56.6954

■ 28.5243, 14.4800,
11.4907

■ 57.8832, 58.9036,
65.3448

■ 64.5173, 69.8292,
74.7780

■ 71.9527, 82.1831,
85.0156

■ 77.9396, 91.4621,
95.3184

■ 79.7370, 92.1811,
104.7834

Harmonies

Analogous

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



32.9131, 23.7514, 49.9030



35.6919, 23.7514, 29.4914



34.4968, 23.7514, 14.9239

Triad

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



35.6919, 23.7514, 29.4914



18.3358, 23.7514, 6.1770



16.5678, 23.7514, 61.5015

Complementary

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



35.6919, 23.7514, 29.4914



33.9220, 50.9767, 40.8553

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.



13.7751, 23.7514, 41.1494



35.6919, 23.7514, 29.4914



14.6659, 23.7514, 11.1312

Square

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



35.6919, 23.7514, 29.4914



23.8093, 23.7514, 5.2463



13.1443, 23.7514, 22.5419



21.3841, 23.7514, 72.8687

Rectangle

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



35.6919, 23.7514, 29.4914



31.6953, 23.7514, 9.3674



13.1443, 23.7514, 22.5419



15.3971, 23.7514, 55.1505

Sweetspot

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



35.6926, 23.7526, 29.4918



79.0787, 73.9252, 85.4863



29.6980, 19.9089, 63.2504



16.5709, 15.2503, 17.7552



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.



35.6926, 23.7526, 29.4918



51.0296, 30.5902, 36.7897



33.1377, 23.5872, 13.3975



12.0215, 11.8934, 13.3892



17.4481, 8.8521, 7.2657



1.0152, 0.5108, 0.6146

Inverse Universe

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



35.6926, 23.7526, 29.4918



51.0296, 30.5902, 36.7897



37.8902, 50.3143, 68.6875



12.0215, 11.8934, 13.3892



17.4481, 8.8521, 7.2657



1.0152, 0.5108, 0.6146

Previews

White Background



This preview shows how the XYZ color 35.6919, 23.7514, 29.4914 looks on a white background.

Color Contrast Check

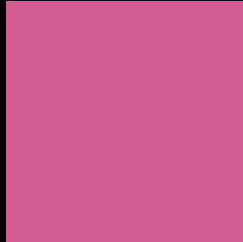
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6919, 23.7514, 29.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

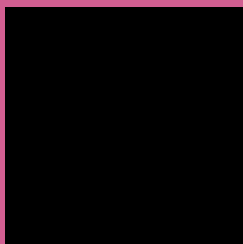
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6919, 23.7514, 29.4914

Background



This preview shows how black text looks on a background with the XYZ color 35.6919, 23.7514, 29.4914.



This preview shows how white text looks on a background with the XYZ color 35.6919, 23.7514,

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

35.6919, 23.7514, 29.4914

Protanopia

24.1007, 24.0373, 41.3996

Deuteranopia

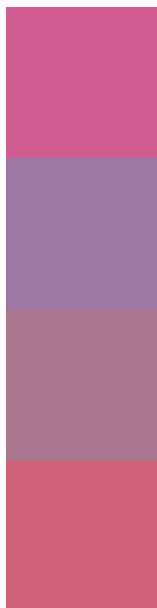
24.3199, 23.8491, 27.7476



Tritanopia

33.1461, 23.6769, 17.2911

Trichromacy



Original Color

35.6919, 23.7514, 29.4914

Protanomaly

26.7401, 22.8348, 36.7164

Deuteranomaly

27.5312, 23.0807, 28.2033

Tritanomaly

33.8930, 23.5504, 21.1717

Monochromacy



Original Color

35.6919, 23.7514, 29.4914

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.2770, 22.9784, 27.4764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6919, 23.7514, 29.4914 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(210, 94, 145)` looks like.

```
.text, #text, p{  
  color:rgb(210, 94, 145)  
}
```

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(210, 94, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 94, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.6919, 23.7514, 29.4914 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(210, 94, 145) }
```


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

```
.border{ border-color:rgb(210, 94, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 94, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 94, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 94, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 94,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6919, 23.7514, 29.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 94, 145) }
```

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

```
.background{ background-color: rgb(210, 94,  
145) }
```

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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