

Converting Colors

XYZ(49.1920, 26.3149, 75.1596)

Have a look what the booklet for
XYZ(49.1920, 26.3149, 75.1596)
contains.

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Color

**XYZ(49.1920, 26.3149,
75.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	E93EE3
RGB	233, 62, 227
RGB Percent	91%, 24%, 89%
CMY	0.0863, 0.7568, 0.1098
CMYK	0.00, 0.73, 0.03, 0.09
HSL	302°, 80%, 58%
HSV	302°, 73%, 91%
XYZ	49.1920, 26.3149, 75.1596
YIQ	131.9390, 48.9510, 87.5670

Conversions

Conversions Part 2

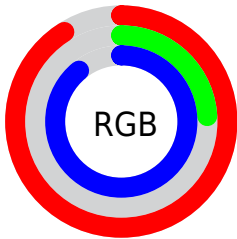
Format	Color
R _{YB}	233, 62, 227
Decimal	15285987
CIE _{Lab}	58.33, 81.03, -48.59
CIE _{LCh}	58, 94.485, 329.051
Y _{xy}	26.3149, 0.3265, 0.1747
Android (android.graphics.Color)	4293476067 (0xFFE93EE3)
YUV	131.9390, 46.8651, 88.6305
Hunter-Lab	51.2981, 81.4001, -50.9604

Details

The XYZ color **49.1920, 26.3149, 75.1596** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **32.1701, 59.7205, 15.3020**, and the grayscale version is **21.7361, 22.8681, 24.9033**.

A 20% lighter version of the original color is **66.7509, 43.4017, 99.4670**, and **24.5843, 11.8245, 39.5147** is the 20% darker color. If you saturate the color by 10%, you get **48.0733, 24.2569, 74.2313**, and if you desaturate by 10%, it is **50.8559, 29.4609, 76.2726**.

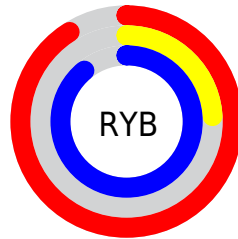
Distribution



Red (91%)

Green (24%)

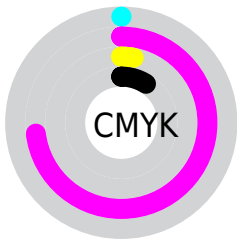
Blue (89%)



Red (91%)

Yellow (24%)

Blue (89%)

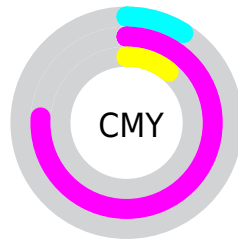


Cyan (0%)

Magenta (73%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (76%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1920, 26.3149, 75.1596 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 49.1920, 26.3149, 75.1596 by changing the saturation by 10% instead.


 49.1920, 26.3149,
75.1596

 49.1920, 26.3149,
75.1596

374.0021,
284.3245, 497.7360


 34.9870, 17.0594,
55.2411


 88.1756, 53.7825,
128.2874


 23.8193, 10.2768,
39.1949


 113.6848, 72.7634,
162.3339


 15.3236, 5.5829,
26.6024


 143.6928, 95.7549,
201.9267

 9.1346, 2.5932,
17.0450

 178.5650,
123.1413, 247.4845

 4.8869, 0.9232,
10.1043

 218.6666,
155.3070, 299.4258

 2.2151, 0.0000,
5.3617

264.3631,

 0.7507, 0.0000,

192.6366, 358.1691

2.3986

316.0199,
235.5143, 424.1330

■ 0.0000, 0.0000,
0.7857

■ 0.0000, 0.0000,
0.0000

■ 49.1920, 26.3149,
75.1596

■ 49.1920, 26.3149,
75.1596

■ 48.0733, 24.2569,
74.2313

■ 50.8559, 29.4609,
76.2726


■ 47.4218, 23.1334,
73.4613


■ 53.1238, 33.8147,
77.5894


■ 47.1714, 22.7505,
73.0136


■ 56.0499, 39.4842,
79.1283


■ 59.6820, 46.5647,
80.9051

 64.0630, 55.1423,
82.9343

 69.2328, 65.2964,
85.2290

 75.2282, 77.1010,
87.8016

 82.0838, 90.6251,
90.6636

 84.2678, 94.8051,
91.9711

Harmonies

Analogous

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



37.3681, 26.3149, 127.4215



49.1920, 26.3149, 75.1596



54.2998, 26.3149, 29.7150

Triad

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



49.1920, 26.3149, 75.1596



25.3798, 26.3149, 0.4268



10.2264, 26.3149, 71.7543

Complementary

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



49.1920, 26.3149, 75.1596



32.1701, 59.7205, 15.3020

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.



8.7697, 26.3149, 27.6155



49.1920, 26.3149, 75.1596



15.7321, 26.3149, 1.2876

Square

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



49.1920, 26.3149, 75.1596



38.2039, 26.3149, 1.4249



10.4296, 26.3149, 6.8572



15.2707, 26.3149, 124.6039

Rectangle

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



49.1920, 26.3149, 75.1596



52.2980, 26.3149, 12.5462



10.4296, 26.3149, 6.8572



9.3847, 26.3149, 54.7136

Sweetspot

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



49.1930, 26.3161, 75.1601



79.3750, 69.1547, 102.1192



18.7949, 10.5479, 78.1372



16.6486, 14.1334, 21.7033



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.



49.1930, 26.3161, 75.1601



58.5274, 28.9423, 90.5983



40.1957, 22.7172, 27.7809



15.6906, 15.3041, 18.9222



26.7758, 12.9130, 41.4823



2.1097, 1.0169, 3.2951

Inverse Universe

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



49.1930, 26.3161, 75.1601



58.5274, 28.9423, 90.5983



36.8931, 61.6097, 40.1731



15.6906, 15.3041, 18.9222



26.7758, 12.9130, 41.4823



2.1097, 1.0169, 3.2951

Previews

White Background



This preview shows how the XYZ color 49.1920, 26.3149, 75.1596 looks on a white background.

Color Contrast Check

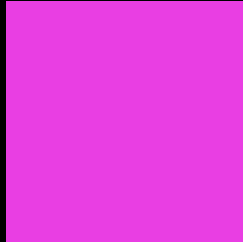
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1920, 26.3149, 75.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

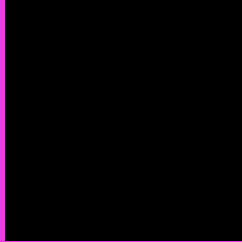
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 49.1920, 26.3149, 75.1596

Background



This preview shows how black text looks on a background with the XYZ color 49.1920, 26.3149, 75.1596.



This preview shows how white text looks on a background with the XYZ color 49.1920, 26.3149,

75.1596.

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

49.1920, 26.3149, 75.1596

Protanopia

30.3890, 26.8607, 98.1907

Deuteranopia

27.2373, 26.5460, 67.9783



Tritanopia

37.1799, 26.0419, 17.8188

Trichromacy



Original Color

49.1920, 26.3149, 75.1596



Protanomaly

32.2107, 22.9787, 89.1238



Deuteranomaly

31.1580, 23.1868, 69.8511



Tritanomaly

40.2908, 25.2869, 32.8943

Monochromacy



Original Color

49.1920, 26.3149, 75.1596



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

28.5949, 21.7404, 39.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1920, 26.3149, 75.1596 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(233, 62, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 62, 227)  
}
```

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(233, 62, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 62, 227) }
```

Border

The CSS property to change the border of an element to XYZ 49.1920, 26.3149, 75.1596 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(233, 62, 227) }
```


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

```
.border{ border-color:rgb(233, 62, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 62, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 62, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 62, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 62,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1920, 26.3149, 75.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 62, 227) }
```

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

```
.background{ background-color: rgb(233, 62,  
227) }
```

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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