

Converting Colors

XYZ(59.3295, 51.4462, 59.4549)

Have a look what the booklet for
XYZ(59.3295, 51.4462, 59.4549)
contains.

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Color

**XYZ(59.4226, 51.3691,
59.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACC5
RGB	236, 172, 197
RGB Percent	93%, 67%, 77%
CMY	0.0745, 0.3255, 0.2274
CMYK	0.00, 0.27, 0.17, 0.07
HSL	337°, 63%, 80%
HSV	337°, 27%, 93%
XYZ	59.4226, 51.3691, 59.6066
YIQ	193.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

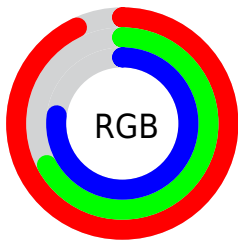
Format	Color
R _Y B	236, 172, 197
Decimal	15510725
CIE Lab	76.90, 27.10, -3.43
CIE LCh	77, 27.314, 352.779
Yxy	51.3691, 0.3487, 0.3015
Android (android.graphics.Color)	4293700805 (0xFFECACC5)
YUV	193.9860, 1.4859, 36.8463
Hunter-Lab	71.6722, 22.5658, 0.8617

Details

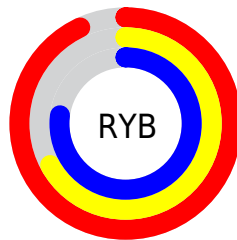
The XYZ color **59.4226, 51.3691, 59.6066** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7687, 73.4660, 72.7144**, and the grayscale version is **51.2501, 53.9191, 58.7179**.

A 20% lighter version of the original color is **86.8728, 83.9026, 105.3821**, and **30.1452, 24.7605, 29.1770** is the 20% darker color. If you saturate the color by 10%, you get **53.7535, 42.5433, 49.9706**, and if you desaturate by 10%, it is **66.0494, 61.8576, 70.3388**.

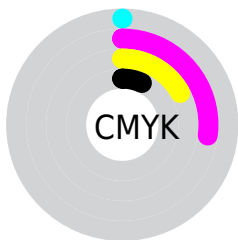
Distribution



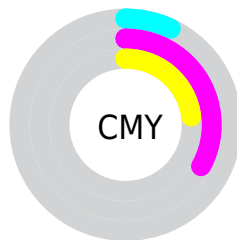
- Red (93%)
- Green (67%)
- Blue (77%)



- Red (93%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4226, 51.3691, 59.6066 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 59.4226, 51.3691, 59.6066 by changing the saturation by 10% instead.

59.4226, 51.3691,
59.6066

59.4226, 51.3691,
59.6066

412.3351,
391.9961, 440.9105

43.2011, 36.5024,
42.6784

103.1027, 92.2001,
105.7966

30.2381, 24.8225,
29.3033

131.2921,
118.9333, 135.8954

20.1684, 15.9449,
19.0629

164.2014,
150.3907, 171.2215

12.6265, 9.4851,
11.5384

202.1960,
186.9569, 212.1935

7.2471, 5.0589,
6.3115

245.6414,
229.0161, 259.2298

3.6648, 2.2819,
2.9636

294.9028,

1.5143, 0.7641,

276.9528, 312.7491

1.0761

350.3456,
331.1513, 373.1698

■ 0.3355, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4226, 51.3691,
59.6066

■ 59.4226, 51.3691,
59.6066

■ 53.7535, 42.5433,
49.9706

■ 66.0494, 61.8576,
70.3388

■ 48.9913, 35.2870,
41.3904

■ 73.6729, 74.0816,
82.1992

■ 45.0866, 29.5085,
33.8276

■ 82.3350, 88.1181,
95.2223

■ 41.9835, 25.1038,
27.2400

■ 88.3267, 96.5428,
108.1910

■ 39.6191, 21.9548,
21.5816

■ 88.4023, 96.5730,
108.5889

■ 37.9200, 19.9234,
16.8016

■ 36.7925, 18.8312,
12.8406

■ 36.5319, 18.6088,
11.8325

Harmonies

Analogous

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



57.2208, 51.3691, 75.0874



59.4226, 51.3691, 59.6066



58.6282, 51.3691, 45.5689

Triad

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



59.4226, 51.3691, 59.6066



45.0577, 51.3691, 33.4806



43.0271, 51.3691, 81.9519

Complementary

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



59.4226, 51.3691, 59.6066



58.7687, 73.4660, 72.7144

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.



40.1801, 51.3691, 67.7584



59.4226, 51.3691, 59.6066



41.2931, 51.3691, 40.3478

Square

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



59.4226, 51.3691, 59.6066



50.0915, 51.3691, 32.0767



39.5685, 51.3691, 52.4120



47.5796, 51.3691, 89.3925

Rectangle

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



59.4226, 51.3691, 59.6066



56.5314, 51.3691, 38.6623



39.5685, 51.3691, 52.4120



41.8525, 51.3691, 77.7037

Sweetspot

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



59.4241, 51.3715, 59.6077



86.9464, 86.8929, 96.6417



56.5872, 49.3242, 85.8954



18.3031, 18.1046, 20.2133



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.



59.4241, 51.3715, 59.6077



66.6398, 54.6753, 63.9904



58.0404, 52.8140, 46.1676



15.3091, 15.1515, 16.9128



20.1960, 10.2811, 6.8334



1.6319, 0.8257, 0.7787

Inverse Universe

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



59.4241, 51.3715, 59.6077



66.6398, 54.6753, 63.9904



60.3409, 71.1994, 89.9199



15.3091, 15.1515, 16.9128



20.1960, 10.2811, 6.8334



1.6319, 0.8257, 0.7787

Previews

White Background



This preview shows how the XYZ color 59.4226, 51.3691, 59.6066 looks on a white background.

Color Contrast Check

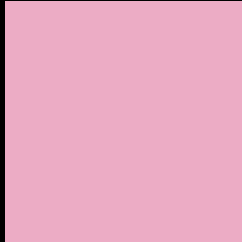
Large Text (above 18pt) WCAG AA × Fail

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 59.4226, 51.3691, 59.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

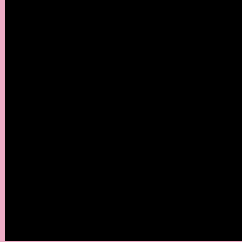
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4226, 51.3691, 59.6066

Background



This preview shows how black text looks on a background with the XYZ color 59.4226, 51.3691, 59.6066.



This preview shows how white text looks on a background with the XYZ color 59.4226, 51.3691,

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

59.4226, 51.3691, 59.6066

Protanopia

50.4463, 51.7190, 66.3554

Deuteranopia

52.4444, 51.3429, 58.7758



Tritanopia

58.3666, 51.5221, 53.8822

Trichromacy



Original Color

59.4226, 51.3691, 59.6066

Protanomaly

53.1666, 51.3006, 63.5997

Deuteranomaly

54.9003, 51.3798, 59.2483

Tritanomaly

58.6085, 51.3109, 56.1052

Monochromacy



Original Color

59.4226, 51.3691, 59.6066

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.7037, 52.6133, 58.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4226, 51.3691, 59.6066 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(236, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 197)  
}
```

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(236, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.4226, 51.3691, 59.6066 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(236, 172, 197) }
```


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

```
.border{ border-color:rgb(236, 172, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4226, 51.3691, 59.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 197) }
```

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

```
.background{ background-color: rgb(236,  
172, 197) }
```

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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