

Converting Colors

XYZ(34.7362, 18.5861, 18.9646)

Have a look what the booklet for
XYZ(34.7362, 18.5861, 18.9646)
contains.

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Color

**XYZ(34.7360, 18.6063,
18.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	E02776
RGB	224, 39, 118
RGB Percent	88%, 15%, 46%
CMY	0.1216, 0.8470, 0.5373
CMYK	0.00, 0.83, 0.47, 0.12
HSL	334°, 75%, 52%
HSV	334°, 83%, 88%
XYZ	34.7360, 18.6063, 18.9001
YIQ	103.3210, 84.9010, 63.7890

Conversions

Conversions Part 2

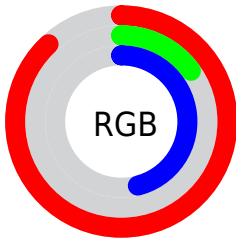
Format	Color
R_{YB}	224, 39, 118
Decimal	14690166
CIE _{Lab}	50.22, 72.03, 2.61
CIE _{LCh}	50, 72.081, 2.077
Yxy	18.6063, 0.4808, 0.2576
Android (android.graphics.Color)	4292880246 (0xFFE02776)
YUV	103.3210, 7.2367, 105.8355
Hunter-Lab	43.1350, 68.2571, 4.2159

Details

The XYZ color **34.7360, 18.6063, 18.9001** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **32.6050, 55.7877, 35.8441**, and the grayscale version is **12.9448, 13.6189, 14.8310**.

A 20% lighter version of the original color is **53.6497, 34.4703, 41.8560**, and **16.0058, 8.1236, 6.5188** is the 20% darker color. If you saturate the color by 10%, you get **33.4932, 17.2597, 14.9752**, and if you desaturate by 10%, it is **36.5171, 20.8636, 23.5169**.

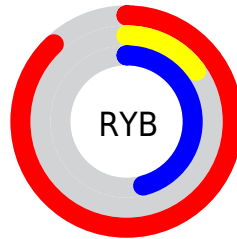
Distribution



Red (88%)

Green (15%)

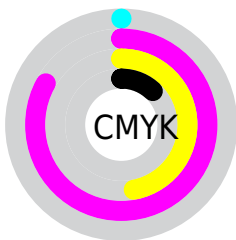
Blue (46%)



Red (88%)

Yellow (15%)

Blue (46%)

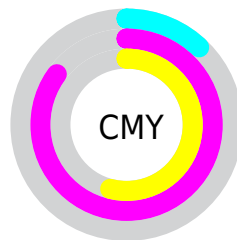


Cyan (0%)

Magenta (83%)

Yellow (47%)

Black (12%)



Cyan (12%)


Magenta (85%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7360, 18.6063, 18.9001 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 34.7360, 18.6063, 18.9001 by changing the saturation by 10% instead.


 34.7360, 18.6063,
18.9001


 34.7360, 18.6063,
18.9001


314.9300,
244.2666, 258.3010


 23.6251, 11.3861,
11.4220


 66.4133, 41.0678,
42.3997


 15.1790, 6.3272,
6.2337


 87.7105, 57.0779,
59.2583


 9.0323, 3.0450,
2.9166


 113.1338, 76.7868,
80.0808

 4.8195, 1.1553,
1.0522

 143.0486,
100.5788, 105.2857

 2.1754, 0.0247,
0.0000

 177.8203,
128.8384, 135.2917

 0.7297, 0.0000,
0.0000

217.8142,

 0.0000, 0.0000,

161.9500, 170.5172

0.0000

263.3956,
200.2979, 211.3808

■ 34.7360, 18.6063,
18.9001

■ 34.7360, 18.6063,
18.9001

■ 33.4932, 17.2597,
14.9752

■ 36.5171, 20.8636,
23.5169

■ 32.8353, 16.6852,
12.4704

■ 38.9055, 24.1630,
28.8675

■ 41.9606, 28.6175,
34.9903

■ 45.7339, 34.3243,
41.9199

■ 50.2716, 41.3704,
49.6885

■ 55.6158, 49.8350,
58.3261

■ 61.8056, 59.7909,
67.8610

■ 68.8772, 71.3059,
78.3204

■ 76.8647, 84.4438,
89.7299

Harmonies

Analogous

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



32.3599, 18.6063, 44.0617



34.7360, 18.6063, 18.9001



31.6389, 18.6063, 5.9509

Triad

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



34.7360, 18.6063, 18.9001



11.4815, 18.6063, 2.0380



12.1236, 18.6063, 76.5874

Complementary

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



34.7360, 18.6063, 18.9001



32.6050, 55.7877, 35.8441

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.



8.5885, 18.6063, 48.2297



34.7360, 18.6063, 18.9001



8.2920, 18.6063, 7.0799

Square

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



34.7360, 18.6063, 18.9001



17.2036, 18.6063, 1.0188



7.3907, 18.6063, 21.6817



18.1747, 18.6063, 87.8800

Rectangle

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



34.7360, 18.6063, 18.9001



27.2627, 18.6063, 2.5630



7.3907, 18.6063, 21.6817



10.6626, 18.6063, 68.1004

Sweetspot

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



34.7365, 18.6074, 18.9004



72.6419, 63.7173, 75.1226



25.6543, 12.7488, 71.6295



15.0001, 12.7689, 15.1960



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.



34.7365, 18.6074, 18.9004



44.1007, 22.4486, 16.8580



32.3060, 18.3921, 3.7682



13.9489, 13.7972, 15.5012



19.1675, 9.7340, 7.5480



1.3727, 0.6924, 0.7556

Inverse Universe

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



34.7365, 18.6074, 18.9004



44.1007, 22.4486, 16.8580



37.7523, 52.7344, 78.7099



13.9489, 13.7972, 15.5012



19.1675, 9.7340, 7.5480



1.3727, 0.6924, 0.7556

Previews

White Background



This preview shows how the XYZ color 34.7360, 18.6063, 18.9001 looks on a white background.

Color Contrast Check

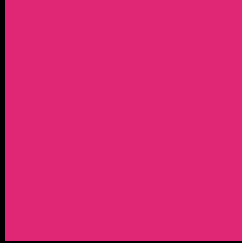
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7360, 18.6063, 18.9001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

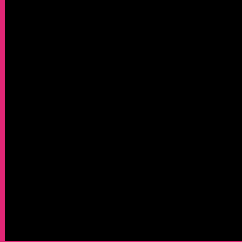
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7360, 18.6063, 18.9001

Background



This preview shows how black text looks on a background with the XYZ color 34.7360, 18.6063, 18.9001.



This preview shows how white text looks on a background with the XYZ color 34.7360, 18.6063,

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

34.7360, 18.6063, 18.9001

Protanopia

19.3920, 19.0261, 37.3007

Deuteranopia

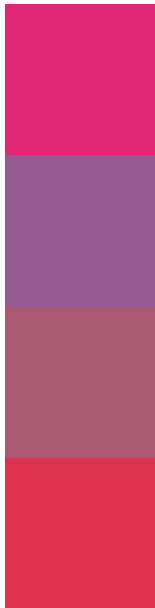
19.1591, 18.8291, 17.0926



Tritanopia

32.0713, 18.6142, 6.0402

Trichromacy



Original Color

34.7360, 18.6063, 18.9001

Protanomaly

21.5003, 15.9029, 29.5401

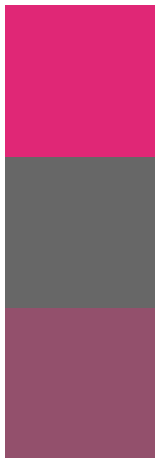
Deuteranomaly

22.5628, 16.4741, 17.3199

Tritanomaly

32.7128, 18.3900, 9.4149

Monochromacy



Original Color

34.7360, 18.6063, 18.9001

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

17.6081, 13.0231, 15.7730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7360, 18.6063, 18.9001 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(224, 39, 118)` looks like.

```
.text, #text, p{  
    color:rgb(224, 39, 118)  
}
```

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(224, 39, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 39, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.7360, 18.6063, 18.9001 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(224, 39, 118) }
```


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

```
.border{ border-color:rgb(224, 39, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 39, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 39, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 39, 118);  
box-shadow:4px 4px 4px 4px rgb(224, 39,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7360, 18.6063, 18.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 39, 118) }
```

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

```
.background{ background-color: rgb(224, 39,  
118) }
```

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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