

Converting Colors

XYZ(59.7304, 71.1668, 17.9052)

Have a look what the booklet for
XYZ(59.7304, 71.1668, 17.9052)
contains.

XYZ(59.6590, 70.9648, 17.9503)	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(59.6590, 70.9648,
17.9503)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E24F
RGB	225, 226, 79
RGB Percent	88%, 89%, 31%
CMY	0.1176, 0.1137, 0.6902
CMYK	0.00, 0.00, 0.65, 0.11
HSL	60°, 72%, 60%
HSV	60°, 65%, 89%
XYZ	59.6590, 70.9648, 17.9503
YIQ	208.9430, 46.5910, -45.9290

Conversions

Conversions Part 2

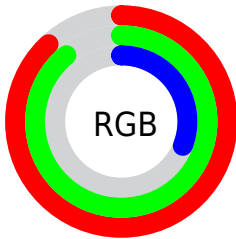
Format	Color
RYB	79, 226, 80
Decimal	14803535
CIELab	87.47, -17.88, 68.73
CIELCh	87, 71.015, 104.581
Yxy	70.9648, 0.4015, 0.4776
Android (android.graphics.Color)	4292993615 (0xFFE1E24F)
YUV	208.9430, -64.0619, 14.0820
Hunter-Lab	84.2406, -21.0078, 46.3347

Details

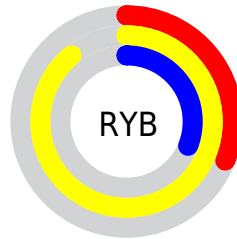
The XYZ color **59.6590, 70.9648, 17.9503** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **19.8338, 12.7899, 73.3792**, and the grayscale version is **60.9524, 64.1267, 69.8339**.

A 20% lighter version of the original color is **81.3732, 94.5293, 36.8788**, and **30.3271, 37.2482, 5.7922** is the 20% darker color. If you saturate the color by 10%, you get **58.9247, 70.6681, 14.3280**, and if you desaturate by 10%, it is **60.6762, 71.3799, 23.0477**.

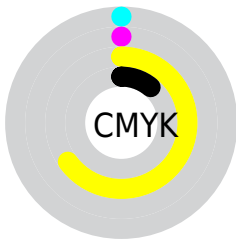
Distribution



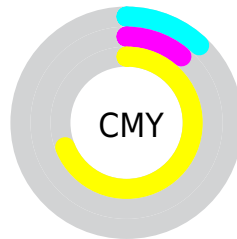
- Red (88%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6590, 70.9648, 17.9503 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 59.6590, 70.9648, 17.9503 by changing the saturation by 10% instead.

■ 59.6590, 70.9648,
17.9503

■ 59.6590, 70.9648,
17.9503

413.1946,
463.9304, 252.8175

■ 43.3922, 52.3135,
10.7452

■ 103.4440,
120.5836, 40.7654

■ 30.3889, 37.2550,
5.7838

■ 131.6930,
152.3199, 57.2125

■ 20.2835, 25.4050,
2.6474

■ 164.6667,
189.1866, 77.5775

■ 12.7107, 16.3790,
0.9168

■ 202.7306,
231.5681, 102.2787

■ 7.3053, 9.7928,
0.0000

■ 246.2500,
279.8488, 131.7347

■ 3.7018, 5.2618,
0.0000

295.5902,

■ 1.5348, 2.4017,

334.4132, 166.3642

0.0000

351.1166,
395.6456, 206.5856

■ 0.3494, 0.8267,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6590, 70.9648,
17.9503

■ 59.6590, 70.9648,
17.9503

■ 58.9247, 70.6681,
14.3280

■ 60.6762, 71.3799,
23.0477

■ 58.4387, 70.4682,
12.0202

■ 61.9969, 71.9138,
29.7502

■ 58.1662, 70.3536,
10.8367

■ 63.6454, 72.5787,
38.1788

■ 58.0808, 70.3167,
10.5113

■ 65.6423, 73.3831,
48.4414

■ 68.0063, 74.3343,
60.6372

■ 70.7549, 75.4393,
74.8584

■ 73.9046, 76.7048,
91.1911

■ 76.6866, 77.8232,
105.5873

■ 76.7352, 77.8483,
105.5896

Harmonies

Analogous

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



76.3843, 70.9648, 18.0825



59.6590, 70.9648, 17.9503



47.2670, 70.9648, 28.4173

Triad

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



59.6590, 70.9648, 17.9503



47.0048, 70.9648, 161.8253



103.5231, 70.9648, 104.4909

Complementary

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



59.6590, 70.9648, 17.9503



19.8338, 12.7899, 73.3792

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.



92.6885, 70.9648, 163.3913



59.6590, 70.9648, 17.9503



59.2409, 70.9648, 204.7305

Square

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



59.6590, 70.9648, 17.9503



40.8254, 70.9648, 102.9061



75.8912, 70.9648, 205.3996



103.6854, 70.9648, 56.2876

Rectangle

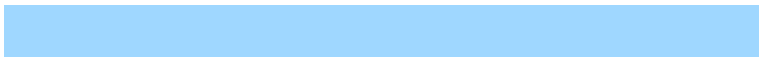
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6590, 70.9648, 17.9503



42.3329, 70.9648, 44.0425



75.8912, 70.9648, 205.3996



100.9378, 70.9648, 124.0305

Sweetspot

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



59.6606, 70.9681, 17.9518



87.7707, 97.0735, 71.2378



35.5737, 22.3269, 9.8326



18.6028, 20.7038, 14.3006



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.



59.6606, 70.9681, 17.9518



77.2169, 92.8091, 17.5984



41.6532, 61.6849, 17.1090



14.8620, 16.0246, 14.6165



33.1376, 40.1156, 5.9965



2.3000, 2.7822, 0.4158

Inverse Universe

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



19.8338, 12.7899, 73.3792



21.1828, 10.9415, 95.6032



29.5683, 17.8082, 73.8348



12.9607, 13.2478, 17.2617



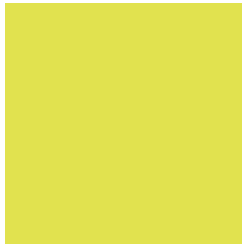
7.8466, 3.1404, 41.2410



0.5470, 0.2193, 2.8587

Previews

White Background



This preview shows how the XYZ color 59.6590, 70.9648, 17.9503 looks on a white background.

Color Contrast Check

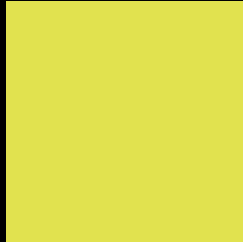
Large Text (above 18pt) WCAG AA × Fail

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 59.6590, 70.9648, 17.9503 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 59.6590, 70.9648, 17.9503

Background



This preview shows how black text looks on a background with the XYZ color 59.6590, 70.9648, 17.9503.



This preview shows how white text looks on a background with the XYZ color 59.6590, 70.9648,

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

59.6590, 70.9648, 17.9503

Protanopia

64.3273, 70.6113, 17.2601

Deuteranopia

70.3694, 70.5813, 39.1928



Tritanopia

72.8945, 70.5407, 83.1726

Trichromacy



Original Color

59.6590, 70.9648, 17.9503

Protanomaly

62.7563, 70.9698, 17.5986

Deuteranomaly

65.8228, 70.3395, 29.5097

Tritanomaly

66.1275, 69.6602, 50.0049

Monochromacy



Original Color

59.6590, 70.9648, 17.9503

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8464, 65.6566, 43.7539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6590, 70.9648, 17.9503 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(225, 226, 79)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 79)  
}
```

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(225, 226, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 79) }
```

Border

The CSS property to change the border of an element to XYZ 59.6590, 70.9648, 17.9503 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(225, 226, 79) }
```


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

```
.border{ border-color:rgb(225, 226, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 79);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6590, 70.9648, 17.9503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 79) }
```

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

```
.background{ background-color: rgb(225,  
226, 79) }
```

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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