

Converting Colors

XYZ(73.0885, 82.8973, 18.8959)

Have a look what the booklet for
XYZ(73.0885, 82.8973, 18.8959)
contains.

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Color

**XYZ(73.1190, 82.9309,
18.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEE4C
RGB	255, 238, 76
RGB Percent	100%, 93%, 30%
CMY	0.0000, 0.0666, 0.7019
CMYK	0.00, 0.07, 0.70, 0.00
HSL	54°, 100%, 65%
HSV	54°, 70%, 100%
XYZ	73.1190, 82.9309, 18.9910
YIQ	224.6150, 62.1340, -46.7780

Conversions

Conversions Part 2

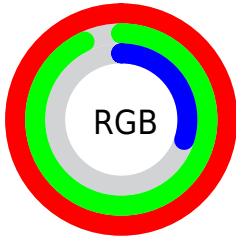
Format	Color
R _Y B	95, 255, 76
Decimal	16772684
CIE Lab	92.98, -11.62, 76.16
CIE LCh	93, 77.040, 98.673
Yxy	82.9309, 0.4177, 0.4738
Android (android.graphics.Color)	4294962764 (0xFFFFEE4C)
YUV	224.6150, -73.2672, 26.6476
Hunter-Lab	91.0664, -16.0451, 51.3821

Details

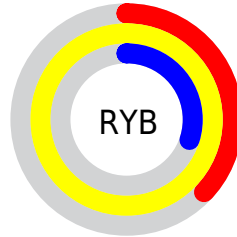
The XYZ color **73.1190, 82.9309, 18.9910** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **24.9450, 16.5850, 96.4934**, and the grayscale version is **71.7717, 75.5094, 82.2298**.

A 20% lighter version of the original color is **81.3031, 94.5012, 36.5097**, and **39.2336, 45.0580, 6.6292** is the 20% darker color. If you saturate the color by 10%, you get **71.7028, 81.2474, 14.9783**, and if you desaturate by 10%, it is **74.8996, 84.7816, 24.8591**.

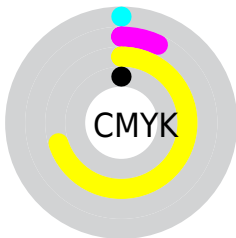
Distribution



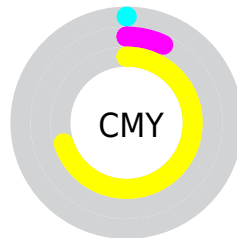
- Red (100%)
- Green (93%)
- Blue (30%)



- Red (37%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1190, 82.9309, 18.9910 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 73.1190, 82.9309, 18.9910 by changing the saturation by 10% instead.

73.1190, 82.9309,
18.9910

73.1190, 82.9309,
18.9910

460.5245,
504.7562, 258.8201

54.3620, 62.1331,
11.4870

122.6484,
137.4787, 42.5554

39.1230, 45.1403,
6.2772

154.1514,
171.9975, 59.4529

27.0366, 31.5679,
2.9428

190.6339,
211.8588, 80.3186

17.7374, 21.0317,
1.0655

232.4611,
257.4469, 105.5712

10.8602, 13.1472,
0.0000

279.9984,
309.1464, 135.6291

6.0395, 7.5300,
0.0000

333.6112,

2.9100, 3.7957,

367.3415, 170.9108

0.0000

393.6648,
432.4166, 211.8350

■ 1.1063, 1.5599,
0.0000

■ 0.0304, 0.3304,
0.0000

■ 73.1190, 82.9309,
18.9910

■ 73.1190, 82.9309,
18.9910

■ 71.7028, 81.2474,
14.9783

■ 74.8996, 84.7816,
24.8591

■ 70.6010, 79.7016,
12.5829

■ 77.0760, 86.8028,
32.7729

■ 69.7573, 78.2950,
11.4359

■ 79.6826, 89.0112,
42.9045

■ 82.7482, 91.4187,
55.4066

86.2995, 94.0358,
70.4184

90.3608, 96.8723,
88.0683

94.9548, 99.9375,
108.4758

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



93.7858, 82.9309, 21.3211



73.1190, 82.9309, 18.9910



56.9888, 82.9309, 28.3803

Triad

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



73.1190, 82.9309, 18.9910



52.2572, 82.9309, 178.9981



120.7482, 82.9309, 137.0144

Complementary

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



73.1190, 82.9309, 18.9910



24.9450, 16.5850, 96.4934

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.



105.6246, 82.9309, 207.7276



73.1190, 82.9309, 18.9910



65.5434, 82.9309, 238.3010

Square

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



73.1190, 82.9309, 18.9910



46.3654, 82.9309, 108.1019



84.8169, 82.9309, 250.6069



123.7121, 82.9309, 74.5642

Rectangle

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



73.1190, 82.9309, 18.9910



50.1203, 82.9309, 43.9867



84.8169, 82.9309, 250.6069



116.8079, 82.9309, 161.2279

Sweetspot

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



73.1209, 82.9348, 18.9927



85.9953, 93.8175, 69.1125



45.8406, 27.2360, 13.4084



18.1884, 19.9226, 13.8628



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.



73.1209, 82.9348, 18.9927



71.2495, 80.6441, 13.8902



56.6885, 82.1579, 19.7088



19.4051, 20.7785, 19.1322



36.5105, 41.0321, 5.9957



3.5960, 4.0774, 0.5975

Inverse Universe

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



24.9450, 16.5850, 96.4934



20.6324, 11.0392, 95.6511



32.7758, 18.6486, 96.4790



17.1417, 17.6549, 22.7542



9.6504, 4.2103, 49.7386



0.9840, 0.4987, 4.8577

Previews

White Background



This preview shows how the XYZ color 73.1190, 82.9309, 18.9910 looks on a white background.

Color Contrast Check

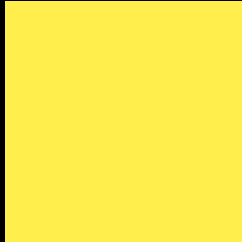
Large Text (above 18pt) WCAG AA × Fail

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 73.1190, 82.9309, 18.9910 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 73.1190, 82.9309, 18.9910

Background



This preview shows how black text looks on a background with the XYZ color 73.1190, 82.9309, 18.9910.



This preview shows how white text looks on a background with the XYZ color 73.1190, 82.9309,

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

73.1190, 82.9309, 18.9910

Protanopia

76.1366, 82.7520, 39.1540

Deuteranopia

80.4766, 82.6761, 67.5936



Tritanopia

84.4160, 82.9199, 92.4448

Trichromacy



Original Color

73.1190, 82.9309, 18.9910



Protanomaly

74.6866, 82.6314, 30.1022



Deuteranomaly

76.6636, 82.5059, 43.3371



Tritanomaly

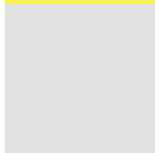
78.2333, 82.2279, 54.3961

Monochromacy



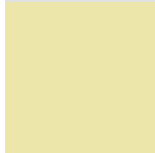
Original Color

73.1190, 82.9309, 18.9910



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

70.2396, 77.3668, 49.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1190, 82.9309, 18.9910 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(255, 238, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 76)  
}
```

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(255, 238, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 76) }
```

Border

The CSS property to change the border of an element to XYZ 73.1190, 82.9309, 18.9910 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(255, 238, 76) }
```


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

```
.border{ border-color:rgb(255, 238, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1190, 82.9309, 18.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 76) }
```

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

```
.background{ background-color: rgb(255,  
238, 76) }
```

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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