

Converting Colors

XYZ(75.2090, 84.6819, 47.9786)

Have a look what the booklet for
XYZ(75.2090, 84.6819, 47.9786)
contains.

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Color

**XYZ(75.2090, 84.6819,
47.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1A5
RGB	243, 241, 165
RGB Percent	95%, 95%, 65%
CMY	0.0471, 0.0549, 0.3529
CMYK	0.00, 0.01, 0.32, 0.05
HSL	58°, 76%, 80%
HSV	58°, 32%, 95%
XYZ	75.2090, 84.6819, 47.9786
YIQ	232.9340, 25.5880, -23.2120

Conversions

Conversions Part 2

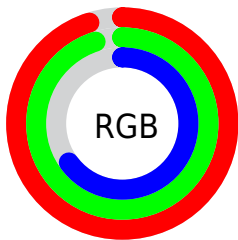
Format	Color
R_{YB}	167, 243, 165
Decimal	15987109
CIE _{Lab}	93.75, -10.58, 37.02
CIE _{LCh}	94, 38.506, 105.942
Yxy	84.6819, 0.3618, 0.4074
Android (android.graphics.Color)	4294177189 (0xFFFF3F1A5)
YUV	232.9340, -33.4915, 8.8279
Hunter-Lab	92.0228, -15.1541, 33.5035

Details

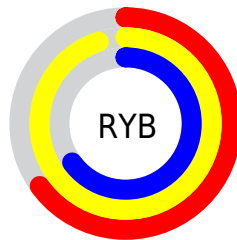
The XYZ color **75.2090, 84.6819, 47.9786** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.5133, 42.1068, 90.5228**, and the grayscale version is **77.6349, 81.6780, 88.9473**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **40.5233, 46.3069, 22.1315** is the 20% darker color. If you saturate the color by 10%, you get **73.0214, 83.5161, 37.3549**, and if you desaturate by 10%, it is **77.8218, 86.0247, 60.8192**.

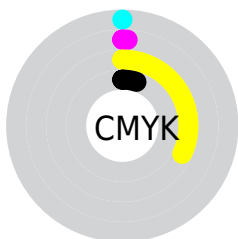
Distribution



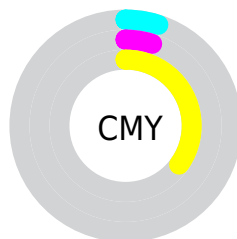
- Red (95%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2090, 84.6819, 47.9786 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 75.2090, 84.6819, 47.9786 by changing the saturation by 10% instead.


 75.2090, 84.6819,
47.9786


 75.2090, 84.6819,
47.9786


467.6217,
510.5749, 395.2136

 56.0789, 63.5786,
33.4501


 125.5945,
139.9287, 88.5378

 40.5034, 46.3094,
22.1975


 157.5806,
174.8409, 115.4055

 28.1172, 32.4901,
13.8024


194.5828,
215.1249, 147.2233

 18.5550, 21.7361,
7.8462

236.9663,
261.1650, 184.4098

 11.4512, 13.6631,
3.9103

285.0966,
313.3457, 227.3836

 6.4407, 7.8867,
1.5763

339.3391,

 3.1581, 4.0226,

372.0513, 276.5631

0.2738

400.0590,
437.6662, 332.3669

■ 1.2379, 1.6862,
0.0000

■ 0.1360, 0.4147,
0.0000

■ 75.2090, 84.6819,
47.9786

■ 75.2090, 84.6819,
47.9786

■ 73.0214, 83.5161,
37.3549

■ 77.8218, 86.0247,
60.8192

■ 71.2287, 82.5063,
28.8171

■ 80.8753, 87.5419,
75.9871

■ 69.8067, 81.6458,
22.2287

■ 84.3922, 89.2454,
93.5919

■ 68.7262, 80.9228,
17.4347

■ 87.2100, 90.6703,
107.5124

■ 67.9530, 80.3238,
14.2566

■ 87.3967, 91.0437,
107.5746

■ 67.4465, 79.8325,
12.4796

■ 87.5841, 91.4185,
107.6371

■ 67.1851, 79.5004,
11.8041

■ 87.7721, 91.7944,
107.6998

■ 87.9607, 92.1717,
107.7626

■ 88.1500, 92.5502,
107.8257

Harmonies

Analogous

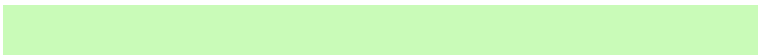
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3571, 84.6819, 47.6695



75.2090, 84.6819, 47.9786



67.1730, 84.6819, 58.3382

Triad

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



75.2090, 84.6819, 47.9786



67.5787, 84.6819, 138.8605



101.0991, 84.6819, 106.5649

Complementary

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



75.2090, 84.6819, 47.9786



45.5133, 42.1068, 90.5228

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.



95.4547, 84.6819, 137.1488



75.2090, 84.6819, 47.9786



75.8070, 84.6819, 158.2973

Square

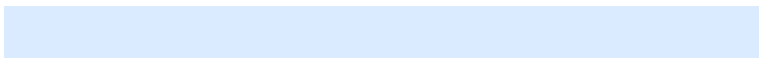
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2090, 84.6819, 47.9786



63.0291, 84.6819, 108.5450



86.0076, 84.6819, 157.6118



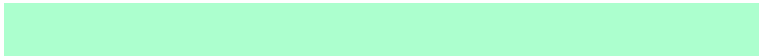
100.9046, 84.6819, 77.5916

Rectangle

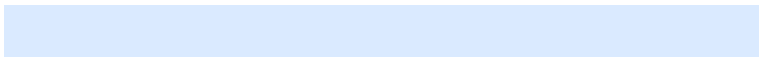
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2090, 84.6819, 47.9786



63.8410, 84.6819, 71.1074



86.0076, 84.6819, 157.6118



99.8023, 84.6819, 117.1085

Sweetspot

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



75.2111, 84.6857, 47.9804



91.0052, 98.0499, 88.6243



57.4487, 48.7782, 43.2391



19.3663, 20.9317, 18.4072



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

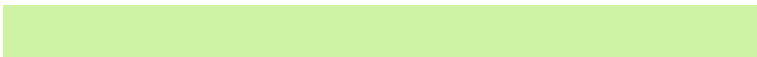
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2111, 84.6857, 47.9804



82.1570, 93.5537, 44.9806



64.4633, 80.0261, 47.6474



17.8762, 19.2366, 17.5684



36.8897, 43.6649, 6.4839



3.2535, 3.8603, 0.5736

Inverse Universe

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



45.5133, 42.1068, 90.5228



43.9160, 38.7284, 99.7684



53.8287, 45.8554, 90.8081



15.6151, 15.9945, 20.8068



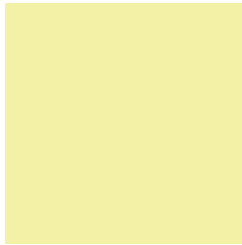
8.9305, 3.6549, 46.7728



0.7966, 0.3447, 4.1148

Previews

White Background



This preview shows how the XYZ color 75.2090, 84.6819, 47.9786 looks on a white background.

Color Contrast Check

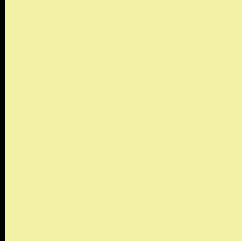
Large Text (above 18pt) WCAG AA × Fail

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 75.2090, 84.6819, 47.9786 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 75.2090, 84.6819, 47.9786

Background



This preview shows how black text looks on a background with the XYZ color 75.2090, 84.6819, 47.9786.



This preview shows how white text looks on a background with the XYZ color 75.2090, 84.6819,

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

75.2090, 84.6819, 47.9786

Protanopia

78.6856, 84.6929, 49.7363

Deuteranopia

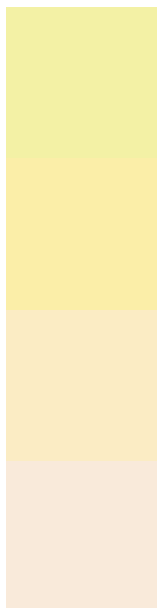
82.5165, 84.3929, 75.5587



Tritanopia

85.9037, 84.3158, 101.3695

Trichromacy



Original Color

75.2090, 84.6819, 47.9786

Protanomaly

77.4261, 84.4855, 49.2723

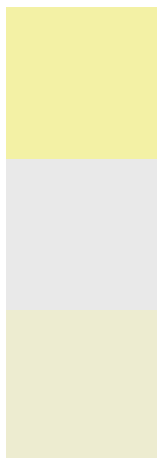
Deuteranomaly

79.7429, 84.4857, 64.3290

Tritanomaly

81.1446, 84.0473, 78.2756

Monochromacy



Original Color

75.2090, 84.6819, 47.9786

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3057, 82.5495, 71.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2090, 84.6819, 47.9786 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(243, 241, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 165)  
}
```

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(243, 241, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 165) }
```

Border

The CSS property to change the border of an element to XYZ 75.2090, 84.6819, 47.9786 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(243, 241, 165) }
```


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

```
.border{ border-color:rgb(243, 241, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2090, 84.6819, 47.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 165) }
```

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

```
.background{ background-color: rgb(243,  
241, 165) }
```

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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