

Converting Colors

XYZ(74.1294, 84.7065, 20.0831)

Have a look what the booklet for
XYZ(74.1294, 84.7065, 20.0831)
contains.

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Color

**XYZ(74.1433, 84.7498,
20.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF150
RGB	255, 241, 80
RGB Percent	100%, 95%, 31%
CMY	0.0000, 0.0549, 0.6863
CMYK	0.00, 0.05, 0.69, 0.00
HSL	55°, 100%, 66%
HSV	55°, 69%, 100%
XYZ	74.1433, 84.7498, 20.0400
YIQ	226.8320, 60.0250, -47.1030

Conversions

Conversions Part 2

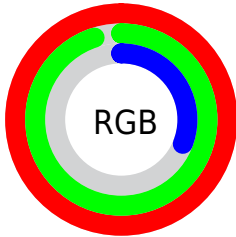
Format	Color
R_{YB}	95, 255, 80
Decimal	16773456
CIE _{Lab}	93.78, -12.90, 75.50
CIE _{LCh}	94, 76.596, 99.693
Yxy	84.7498, 0.4144, 0.4736
Android (android.graphics.Color)	4294963536 (0xFFFFFFFF150)
YUV	226.8320, -72.3882, 24.7033
Hunter-Lab	92.0597, -17.3435, 51.5352

Details

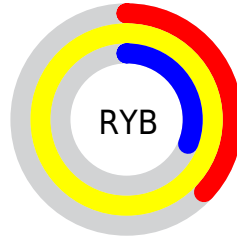
The XYZ color **74.1433, 84.7498, 20.0400** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **25.3612, 16.9307, 96.5385**, and the grayscale version is **73.3728, 77.1938, 84.0641**.

A 20% lighter version of the original color is **81.5874, 94.6150, 38.0072**, and **39.8546, 46.3000, 6.8362** is the 20% darker color. If you saturate the color by 10%, you get **72.7747, 83.2452, 15.7849**, and if you desaturate by 10%, it is **75.8799, 86.4188, 26.1824**.

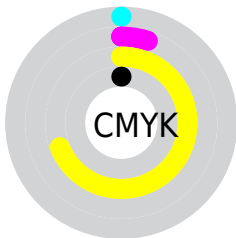
Distribution



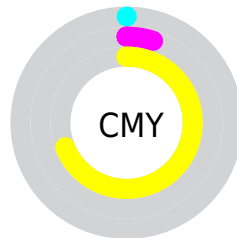
- Red (100%)
- Green (95%)
- Blue (31%)



- Red (37%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1433, 84.7498, 20.0400 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 74.1433, 84.7498, 20.0400 by changing the saturation by 10% instead.

74.1433, 84.7498,
20.0400

74.1433, 84.7498,
20.0400

464.0105,
510.7998, 264.7430

55.2030, 63.6347,
12.2398

124.0933,
140.0236, 44.3441

39.7988, 46.3548,
6.7827

155.8338,
174.9510, 61.6850

27.5652, 32.5259,
3.2502

192.5717,
215.2513, 83.0433

18.1369, 21.7635,
1.2238

234.6725,
261.3088, 108.8373

11.1486, 13.6832,
0.0000

282.5013,
313.5081, 139.4858

6.2349, 7.9007,
0.0000

336.4237,

3.0305, 4.0315,

372.2334, 175.4072

0.0000

396.8050,
437.8692, 217.0201

■ 1.1699, 1.6912,
0.0000

■ 0.0824, 0.4179,
0.0000

■ 74.1433, 84.7498,
20.0400

■ 74.1433, 84.7498,
20.0400

■ 72.7747, 83.2452,
15.7849

■ 75.8799, 86.4188,
26.1824

■ 71.7252, 81.8758,
13.1860

■ 78.0149, 88.2549,
34.3977

■ 70.9358, 80.6212,
11.9234

■ 80.5820, 90.2746,
44.8549

■ 70.8364, 80.4532,
11.7955

■ 83.6098, 92.4895,
57.7044

■ 87.1244, 94.9101,
73.0833

■ 91.1498, 97.5460,
91.1188

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



94.9051, 84.7498, 22.0409



74.1433, 84.7498, 20.0400



58.0617, 84.7498, 30.1296

Triad

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



74.1433, 84.7498, 20.0400



54.0449, 84.7498, 183.9201



123.0917, 84.7498, 136.8750

Complementary

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



74.1433, 84.7498, 20.0400



25.3612, 16.9307, 96.5385

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.



108.2088, 84.7498, 208.1170



74.1433, 84.7498, 20.0400



67.7246, 84.7498, 242.2737

Square

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



74.1433, 84.7498, 20.0400



47.8173, 84.7498, 112.4567



87.3200, 84.7498, 252.6251



125.5930, 84.7498, 74.6704

Rectangle

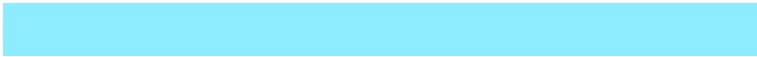
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1433, 84.7498, 20.0400



51.2793, 84.7498, 46.5025



87.3200, 84.7498, 252.6251



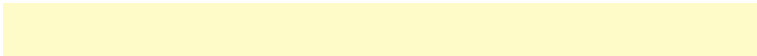
119.2650, 84.7498, 161.1451

Sweetspot

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



74.1453, 84.7538, 20.0417



86.2448, 94.3166, 69.1956



46.1557, 27.8168, 13.6651



18.2486, 20.0430, 13.8829



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.



74.1453, 84.7538, 20.0417



72.3874, 82.7689, 14.7352



56.5195, 82.0543, 20.4497



19.4296, 20.8275, 19.1404



37.0658, 42.1429, 6.1808



3.6443, 4.1740, 0.6136

Inverse Universe

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



25.3612, 16.9307, 96.5385



20.9287, 11.3116, 95.6880



34.0407, 19.7226, 96.6199



17.1197, 17.6110, 22.7469



9.6065, 4.1226, 49.7240



0.9736, 0.4780, 4.8542

Previews

White Background



This preview shows how the XYZ color 74.1433, 84.7498, 20.0400 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 74.1433, 84.7498, 20.0400 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 74.1433, 84.7498, 20.0400

Background



This preview shows how black text looks on a background with the XYZ color 74.1433, 84.7498, 20.0400.

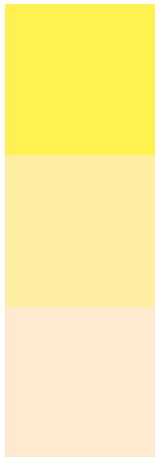


This preview shows how white text looks on a background with the XYZ color 74.1433, 84.7498,

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

74.1433, 84.7498, 20.0400

Protanopia

78.0458, 84.4370, 46.3669

Deuteranopia

82.0480, 84.6597, 71.6911



Tritanopia

85.5441, 84.7031, 94.2787

Trichromacy



Original Color

74.1433, 84.7498, 20.0400



Protanomaly

75.9794, 84.0750, 34.0534



Deuteranomaly

77.9572, 84.4016, 45.9006



Tritanomaly

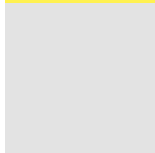
79.3918, 84.0541, 56.2956

Monochromacy



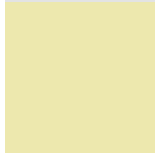
Original Color

74.1433, 84.7498, 20.0400



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.4216, 78.7737, 51.4849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1433, 84.7498, 20.0400 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, 241, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 80)  
}
```

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, 241, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 80) }
```

Border

The CSS property to change the border of an element to XYZ 74.1433, 84.7498, 20.0400 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, 241, 80) }
```


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

```
.border{ border-color:rgb(255, 241, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1433, 84.7498, 20.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 80) }
```

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

```
.background{ background-color: rgb(255,  
241, 80) }
```

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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