

Converting Colors

XYZ(76.3762, 84.8334, 56.1947)

Have a look what the booklet for
XYZ(76.3762, 84.8334, 56.1947)
contains.

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Color

**XYZ(76.1185, 84.5336,
56.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0B5
RGB	242, 240, 181
RGB Percent	95%, 94%, 71%
CMY	0.0510, 0.0588, 0.2902
CMYK	0.00, 0.01, 0.25, 0.05
HSL	58°, 70%, 83%
HSV	58°, 25%, 95%
XYZ	76.1185, 84.5336, 56.0208
YIQ	233.8720, 20.1310, -17.9250

Conversions

Conversions Part 2

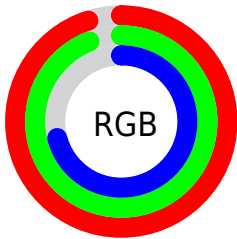
Format	Color
R_{YB}	183, 242, 181
Decimal	15921333
CIE _{Lab}	93.68, -8.44, 28.85
CIE _{LCh}	94, 30.056, 106.314
Yxy	84.5336, 0.3513, 0.3901
Android (android.graphics.Color)	4294111413 (0xFFFF2F0B5)
YUV	233.8720, -26.0659, 7.1283
Hunter-Lab	91.9422, -13.1194, 28.2338

Details

The XYZ color **76.1185, 84.5336, 56.0208** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.0164, 50.1003, 90.9334**, and the grayscale version is **78.2921, 82.3693, 89.7002**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **41.0444, 46.1538, 27.1674** is the 20% darker color. If you saturate the color by 10%, you get **73.6165, 83.1638, 43.9820**, and if you desaturate by 10%, it is **79.0573, 86.0855, 70.3351**.

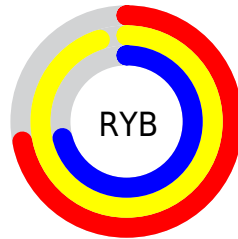
Distribution



Red (95%)

Green (94%)

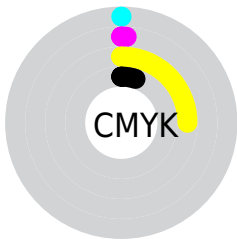
Blue (71%)



Red (72%)

Yellow (95%)

Blue (71%)

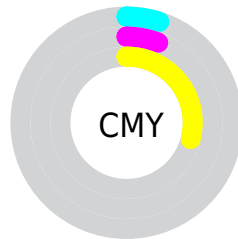


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (5%)



Cyan (5%)

Magenta (6%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1185, 84.5336, 56.0208 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 76.1185, 84.5336, 56.0208 by changing the saturation by 10% instead.

76.1185, 84.5336,
56.0208

76.1185, 84.5336,
56.0208

470.6914,
510.0835, 427.1604

56.8271, 63.4561,
39.8155

126.8739,
139.7214, 100.5211

41.1060, 46.2103,
27.0820

159.0685,
174.6004, 129.6531

28.5900, 32.4118,
17.4019

196.2950,
214.8487, 163.9312

18.9136, 21.6762,
10.3564

238.9185,
260.8507, 203.7738

11.7115, 13.6192,
5.5272

287.3046,
312.9908, 249.5995

6.6183, 7.8563,
2.4957

341.8186,

3.2688, 4.0031,

371.6534, 301.8268

0.8379

402.8257,
437.2228, 360.8742

■ 1.2974, 1.6753,
0.0000

■ 0.1813, 0.4076,
0.0000

■ 76.1185, 84.5336,
56.0208

■ 76.1185, 84.5336,
56.0208

■ 73.6165, 83.1638,
43.9820

■ 79.0573, 86.0855,
70.3351

■ 71.5223, 81.9559,
34.0959

■ 82.4469, 87.8165,
87.0284

■ 69.8140, 80.9040,
26.2362

■ 86.3091, 89.7381,
106.2045

■ 68.4645, 79.9972,
20.2616

■ 86.7698, 90.3008,
107.4643

67.4437, 79.2235,
16.0122

87.0073, 90.7758,
107.5434

66.7161, 78.5687,
13.3022

87.2458, 91.2528,
107.6230

66.2383, 78.0154,
11.9025

87.4854, 91.7319,
107.7028

66.0662, 77.7735,
11.5297

87.7260, 92.2131,
107.7830

87.9676, 92.6963,
107.8635

Harmonies

Analogous

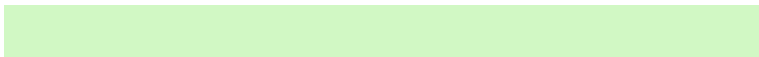
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0272, 84.5336, 55.6475



76.1185, 84.5336, 56.0208



69.7669, 84.5336, 64.9355

Triad

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



76.1185, 84.5336, 56.0208



70.2201, 84.5336, 127.5665



96.1743, 84.5336, 102.8219

Complementary

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



76.1185, 84.5336, 56.0208



52.0164, 50.1003, 90.9334

Split Complementary

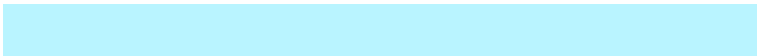
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9453, 84.5336, 125.8054



76.1185, 84.5336, 56.0208



76.7752, 84.5336, 141.6077

Square

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



76.1185, 84.5336, 56.0208



66.5186, 84.5336, 104.9293



84.7285, 84.5336, 140.9145



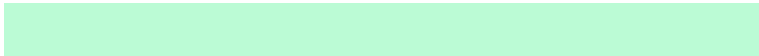
95.9694, 84.5336, 80.2570

Rectangle

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



76.1185, 84.5336, 56.0208



67.1146, 84.5336, 75.5139



84.7285, 84.5336, 140.9145



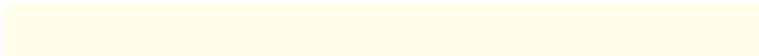
95.2128, 84.5336, 110.8230

Sweetspot

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



76.1207, 84.5374, 56.0226



91.7253, 98.3303, 92.4398



61.6933, 55.3463, 52.2504



19.5073, 20.9828, 19.1663



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.



76.1207, 84.5374, 56.0226



84.2935, 94.4291, 56.1671



67.6888, 81.0669, 55.7971



17.0760, 18.3652, 16.7945



35.5119, 41.8219, 6.2008



2.9681, 3.5068, 0.5204

Inverse Universe

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



52.0164, 50.1003, 90.9334



53.0491, 49.7924, 101.4226



58.9785, 53.0831, 91.1422



14.9387, 15.3115, 19.8897



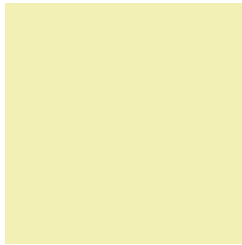
8.6750, 3.5742, 45.3605



0.7362, 0.3263, 3.7784

Previews

White Background



This preview shows how the XYZ color 76.1185, 84.5336, 56.0208 looks on a white background.

Color Contrast Check

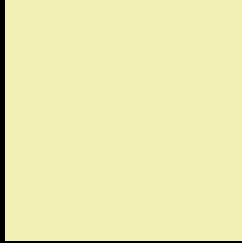
Large Text (above 18pt) WCAG AA × Fail

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 76.1185, 84.5336, 56.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

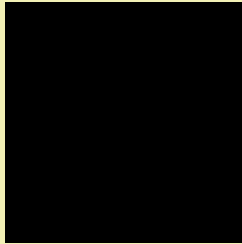
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1185, 84.5336, 56.0208

Background



This preview shows how black text looks on a background with the XYZ color 76.1185, 84.5336, 56.0208.

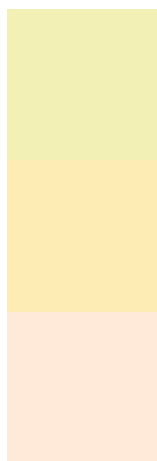


This preview shows how white text looks on a background with the XYZ color 76.1185, 84.5336,

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

76.1185, 84.5336, 56.0208

Protanopia

78.6401, 84.1282, 54.7414

Deuteranopia

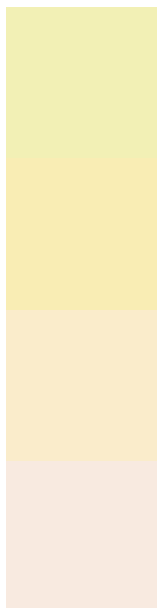
82.7736, 84.4957, 76.9124



Tritanopia

85.4585, 84.5006, 101.4286

Trichromacy



Original Color

76.1185, 84.5336, 56.0208

Protanomaly

77.5893, 84.0034, 55.3049

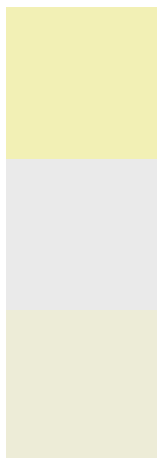
Deuteranomaly

80.1993, 84.6267, 68.6075

Tritanomaly

81.5888, 84.1839, 82.4699

Monochromacy



Original Color

76.1185, 84.5336, 56.0208

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.1862, 82.9017, 76.2235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1185, 84.5336, 56.0208 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(242, 240, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 181)  
}
```

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(242, 240, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 181) }
```

Border

The CSS property to change the border of an element to XYZ 76.1185, 84.5336, 56.0208 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(242, 240, 181) }
```


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

```
.border{ border-color:rgb(242, 240, 181) }
```

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

Here you see how a box with a 4 pixel rgb(242, 240, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1185, 84.5336, 56.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 181) }
```

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

```
.background{ background-color: rgb(242,  
240, 181) }
```

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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