

Converting Colors

XYZ(75.9881, 81.6595, 41.5563)

Have a look what the booklet for
XYZ(75.9881, 81.6595, 41.5563)
contains.

XYZ(76.0464, 81.8048, 41.4876)	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(76.0464, 81.8048,
41.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE998
RGB	255, 233, 152
RGB Percent	100%, 91%, 60%
CMY	0.0000, 0.0862, 0.4039
CMYK	0.00, 0.09, 0.40, 0.00
HSL	47°, 100%, 80%
HSV	47°, 40%, 100%
XYZ	76.0464, 81.8048, 41.4876
YIQ	230.3440, 39.1130, -20.5270

Conversions

Conversions Part 2

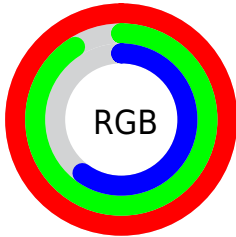
Format	Color
R _Y B	180, 255, 152
Decimal	16771480
CIE Lab	92.49, -3.45, 42.06
CIE LCh	92, 42.197, 94.685
Yxy	81.8048, 0.3815, 0.4104
Android (android.graphics.Color)	4294961560 (0xFFFFE998)
YUV	230.3440, -38.6236, 21.6233
Hunter-Lab	90.4460, -8.1989, 36.1159

Details

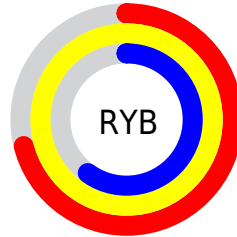
The XYZ color **76.0464, 81.8048, 41.4876** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.1346, 44.1661, 100.7010**, and the grayscale version is **75.7273, 79.6710, 86.7618**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **41.2466, 44.6312, 18.4973** is the 20% darker color. If you saturate the color by 10%, you get **72.6613, 78.0251, 31.1398**, and if you desaturate by 10%, it is **79.9322, 85.8668, 54.2191**.

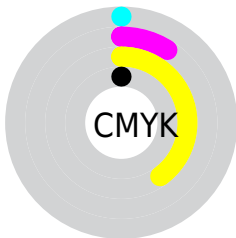
Distribution



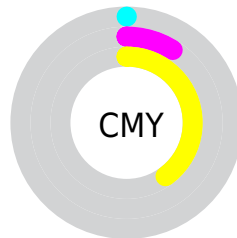
- Red (100%)
- Green (91%)
- Blue (60%)



- Red (71%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0464, 81.8048, 41.4876 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 76.0464, 81.8048, 41.4876 by changing the saturation by 10% instead.


 76.0464, 81.8048,
41.4876


 76.0464, 81.8048,
41.4876


470.4485,
500.9945, 368.0912

 56.7677, 61.2046,
28.3777


 126.7725,
135.9002, 78.6852

 41.0582, 44.3903,
18.3691


 158.9507,
170.1643, 103.6101

 28.5524, 30.9775,
11.0431


196.1594,
209.7518, 133.3103

 18.8851, 20.5817,
5.9813

238.7640,
255.0471, 168.2044

 11.6908, 12.8186,
2.7651

287.1298,
306.4347, 208.7111

 6.6042, 7.3038,
0.9760

341.6223,

 3.2599, 3.6528,

364.2988, 255.2487

0.0000

402.6067,
429.0240, 308.2359

■ 1.2927, 1.4813,
0.0000

■ 0.1777, 0.2755,
0.0000

■ 76.0464, 81.8048,
41.4876

■ 76.0464, 81.8048,
41.4876

■ 72.6613, 78.0251,
31.1398

■ 79.9322, 85.8668,
54.2191

■ 69.7412, 74.5040,
23.0175

■ 84.3394, 90.2111,
69.4688

■ 67.2554, 71.2313,
16.9514

■ 89.2949, 94.8522,
87.3670

■ 65.1662, 68.1913,
12.7455

94.8218, 99.8000,
108.0337

■ 63.4287, 65.3653, 95.0500, 100.0000,
10.1655 108.9000

■ 62.0216, 62.8233,
8.8572

Harmonies

Analogous

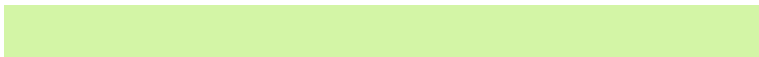
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1049, 81.8048, 44.9362



76.0464, 81.8048, 41.4876



66.3796, 81.8048, 48.1294

Triad

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



76.0464, 81.8048, 41.4876



61.6976, 81.8048, 127.9677



98.3745, 81.8048, 117.4135

Complementary

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



76.0464, 81.8048, 41.4876



46.1346, 44.1661, 100.7010

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.



90.3566, 81.8048, 148.4037



76.0464, 81.8048, 41.4876



69.0957, 81.8048, 155.4318

Square

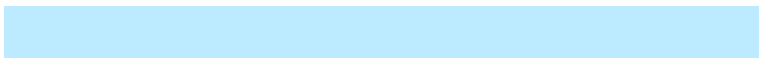
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0464, 81.8048, 41.4876



58.6050, 81.8048, 94.0866



79.4850, 81.8048, 163.6717



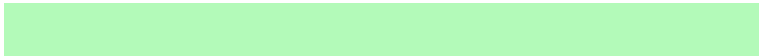
100.6743, 81.8048, 84.2379

Rectangle

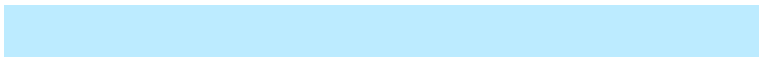
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0464, 81.8048, 41.4876



61.8114, 81.8048, 58.5716



79.4850, 81.8048, 163.6717



96.2239, 81.8048, 128.6599

Sweetspot

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



76.0484, 81.8086, 41.4893



88.4597, 94.0852, 84.3037



60.1397, 46.7857, 46.0683



18.7912, 20.0060, 17.5233



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

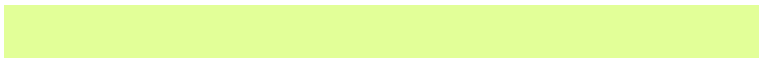
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0484, 81.8086, 41.4893



73.4276, 78.9055, 33.4059



72.7344, 89.9262, 43.2308



19.2127, 20.3935, 19.0681



32.5210, 33.0532, 4.6659



3.2446, 3.3746, 0.4804

Inverse Universe

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



46.1346, 44.1661, 100.7010



40.0127, 36.8798, 99.6174



48.3781, 39.5234, 99.6866



17.3173, 18.0063, 22.8128



10.2189, 5.3473, 49.9281



1.0702, 0.6711, 4.8864

Previews

White Background



This preview shows how the XYZ color 76.0464, 81.8048, 41.4876 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 76.0464, 81.8048, 41.4876 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 76.0464, 81.8048, 41.4876

Background



This preview shows how black text looks on a background with the XYZ color 76.0464, 81.8048, 41.4876.



This preview shows how white text looks on a background with the XYZ color 76.0464, 81.8048,

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

76.0464, 81.8048, 41.4876

Protanopia

75.6795, 81.6157, 41.4704

Deuteranopia

80.1584, 81.6583, 68.6636



Tritanopia

83.8690, 81.8258, 92.2625

Trichromacy

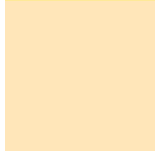


Original Color

76.0464, 81.8048, 41.4876

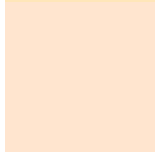
Protanomaly

75.6795, 81.6157, 41.4704



Deuteranomaly

78.2938, 81.3564, 57.4758



Tritanomaly

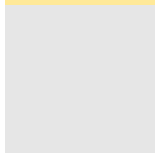
80.5218, 81.8036, 70.5772

Monochromacy



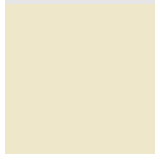
Original Color

76.0464, 81.8048, 41.4876



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

74.8332, 79.7668, 67.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0464, 81.8048, 41.4876 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, 233, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 152)  
}
```

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, 233, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 152) }
```

Border

The CSS property to change the border of an element to XYZ 76.0464, 81.8048, 41.4876 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, 233, 152) }
```


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

```
.border{ border-color:rgb(255, 233, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0464, 81.8048, 41.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 152) }
```

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

```
.background{ background-color: rgb(255,  
233, 152) }
```

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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