

Converting Colors

XYZ(74.6318, 79.7796, 45.6081)

Have a look what the booklet for
XYZ(74.6318, 79.7796, 45.6081)
contains.

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Color

**XYZ(74.6021, 79.7115,
45.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE6A2
RGB	251, 230, 162
RGB Percent	98%, 90%, 64%
CMY	0.0157, 0.0980, 0.3647
CMYK	0.00, 0.08, 0.35, 0.02
HSL	46°, 92%, 81%
HSV	46°, 35%, 98%
XYZ	74.6021, 79.7115, 45.6363
YIQ	228.5270, 34.3440, -16.6960

Conversions

Conversions Part 2

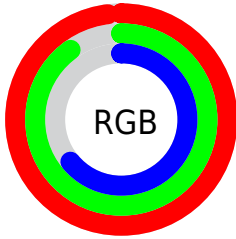
Format	Color
RYB	189, 251, 162
Decimal	16508578
CIELab	91.56, -2.38, 35.77
CIELCh	92, 35.845, 93.808
Yxy	79.7115, 0.3731, 0.3987
Android (android.graphics.Color)	4294698658 (0xFFFFBE6A2)
YUV	228.5270, -32.7978, 19.7088
Hunter-Lab	89.2813, -7.0904, 32.1907

Details

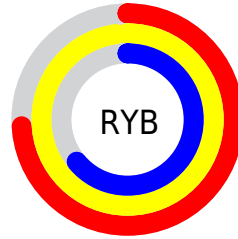
The XYZ color **74.6021, 79.7115, 45.6363** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.2460, 48.5120, 98.0351**, and the grayscale version is **74.3459, 78.2177, 85.1791**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **40.1368, 43.1232, 20.9600** is the 20% darker color. If you saturate the color by 10%, you get **70.9707, 75.6699, 34.4953**, and if you desaturate by 10%, it is **78.7388, 84.0505, 59.1445**.

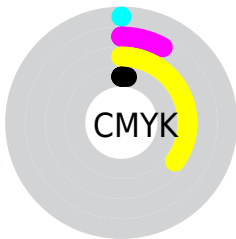
Distribution



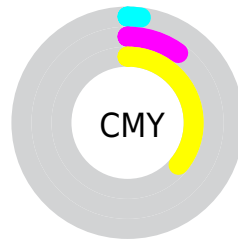
- Red (98%)
- Green (90%)
- Blue (64%)



- Red (74%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6021, 79.7115, 45.6363 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 74.6021, 79.7115, 45.6363 by changing the saturation by 10% instead.


 74.6021, 79.7115,
45.6363


 74.6021, 79.7115,
45.6363


465.5671,
493.9600, 385.5795

 55.5800, 59.4810,
31.6123


 124.7399,
132.9600, 85.0030

 40.1020, 43.0004,
20.8032


 156.5863,
166.7468, 111.1827

 27.8026, 29.8854,
12.7904


193.4381,
205.8212, 142.2515

 18.3166, 19.7517,
7.1553

235.6609,
250.5675, 178.6279

 11.2786, 12.2147,
3.4795

283.6197,
301.3701, 220.7303

 6.3232, 6.8900,
1.3444

337.6802,

 3.0851, 3.3934,

358.6135, 268.9773

0.0978

398.2075,
422.6820, 323.7876

■ 1.1989, 1.3404,
0.0000

■ 0.1055, 0.1722,
0.0000

■ 74.6021, 79.7115,
45.6363

■ 74.6021, 79.7115,
45.6363

■ 70.9707, 75.6699,
34.4953

■ 78.7388, 84.0505,
59.1445

■ 67.8115, 71.9030,
25.5762

■ 83.3999, 88.6868,
75.1438

■ 65.0964, 68.4015,
18.7250

■ 88.6104, 93.6342,
93.7554

■ 62.7915, 65.1510,
13.7663

■ 93.1772, 98.4162,
108.6930

■ 60.8574, 62.1348,
10.4952

■ 93.5937, 99.2493,
108.8318

■ 59.2456, 59.3325,
8.6587

■ 58.5876, 58.1171,
8.1298

Harmonies

Analogous

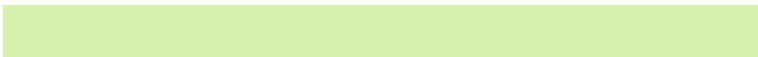
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7877, 79.7115, 49.0103



74.6021, 79.7115, 45.6363



66.3996, 79.7115, 51.3299

Triad

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



74.6021, 79.7115, 45.6363



62.0793, 79.7115, 117.9169



92.6522, 79.7115, 110.9558

Complementary

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



74.6021, 79.7115, 45.6363



49.2460, 48.5120, 98.0351

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.



85.9685, 79.7115, 135.6880



74.6021, 79.7115, 45.6363



68.2685, 79.7115, 140.2411

Square

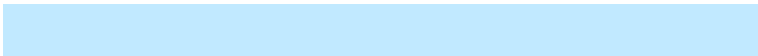
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6021, 79.7115, 45.6363



59.5464, 79.7115, 90.1784



76.9367, 79.7115, 147.3198



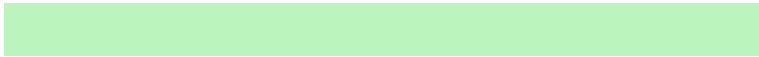
94.6860, 79.7115, 83.4920

Rectangle

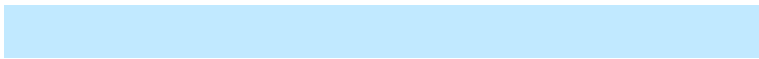
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6021, 79.7115, 45.6363



62.4471, 79.7115, 60.3361



76.9367, 79.7115, 147.3198



90.8497, 79.7115, 120.0328

Sweetspot

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



74.6041, 79.7152, 45.6379



88.7836, 94.1740, 86.1349



61.3826, 49.8220, 51.8672



18.8486, 20.0093, 17.8860



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

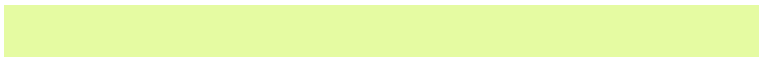
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6041, 79.7152, 45.6379



74.4344, 79.4283, 38.3379



73.2526, 88.2202, 47.3508



18.3600, 19.4559, 18.2501



30.9136, 30.7838, 4.3126



2.9439, 3.0126, 0.4263

Inverse Universe

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



49.2460, 48.5120, 98.0351



44.3925, 42.4789, 100.4672



50.1609, 43.0279, 96.9284



16.6153, 17.3075, 21.8503



10.0727, 5.5009, 48.5044



1.0107, 0.6650, 4.5183

Previews

White Background



This preview shows how the XYZ color 74.6021, 79.7115, 45.6363 looks on a white background.

Color Contrast Check

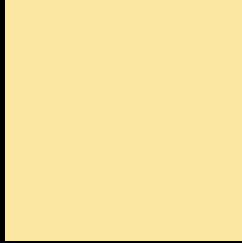
Large Text (above 18pt) WCAG AA × Fail

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 74.6021, 79.7115, 45.6363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

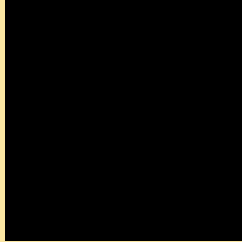
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6021, 79.7115, 45.6363

Background



This preview shows how black text looks on a background with the XYZ color 74.6021, 79.7115, 45.6363.



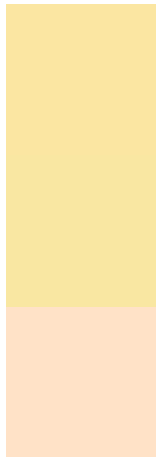
This preview shows how white text looks on a background with the XYZ color 74.6021, 79.7115,

45.6363.

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

74.6021, 79.7115, 45.6363

Protanopia

74.1644, 79.9002, 45.6958

Deuteranopia

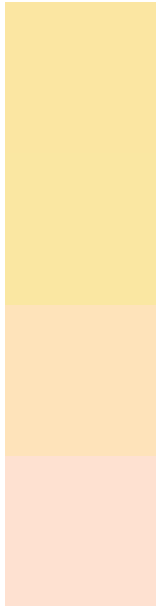
78.7452, 79.7762, 65.2809



Tritanopia

82.5016, 79.5587, 90.3649

Trichromacy



Original Color

74.6021, 79.7115, 45.6363

Protanomaly

74.5218, 80.0845, 45.7125

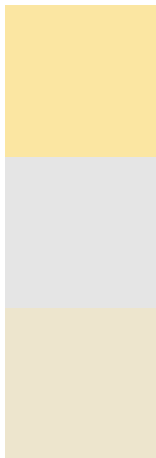
Deuteranomaly

77.2051, 79.5542, 57.7407

Tritanomaly

79.3069, 79.5247, 71.4915

Monochromacy



Original Color

74.6021, 79.7115, 45.6363

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.9638, 78.4509, 69.0018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6021, 79.7115, 45.6363 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(251, 230, 162)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 162)  
}
```

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(251, 230, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 162) }
```

Border

The CSS property to change the border of an element to XYZ 74.6021, 79.7115, 45.6363 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(251, 230, 162) }
```


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

```
.border{ border-color:rgb(251, 230, 162) }
```

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

Here you see how a box with a 4 pixel rgb(251, 230, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 162);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6021, 79.7115, 45.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 162) }
```

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

```
.background{ background-color: rgb(251,  
230, 162) }
```

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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