

Converting Colors

XYZ(81.5278, 82.6875, 45.5882)

Have a look what the booklet for
XYZ(81.5278, 82.6875, 45.5882)
contains.

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Color

**XYZ(75.6923, 79.8718,
45.1456)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE5A1 |
| RGB | 255, 229, 161 |
| RGB Percent | 100%, 90%, 63% |
| CMY | 0.0000, 0.1019, 0.3686 |
| CMYK | 0.00, 0.10, 0.37, 0.00 |
| HSL | 43°, 100%, 82% |
| HSV | 43°, 37%, 100% |
| XYZ | 75.6923, 79.8718, 45.1456 |
| YIQ | 229.0220, 37.3240, -15.6360 |

Conversions

Conversions Part 2

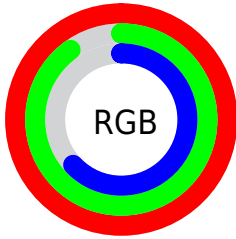
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 197, 255, 161 |
| Decimal | 16770465 |
| CIE _{Lab} | 91.63, -0.46, 36.43 |
| CIE _{LCh} | 92, 36.431, 90.717 |
| Yxy | 79.8718, 0.3771, 0.3979 |
| Android (android.graphics.Color) | 4294960545 (0xFFFFE5A1) |
| YUV | 229.0220, -33.5348, 22.7827 |
| Hunter-Lab | 89.3710, -5.2197, 32.6095 |

Details

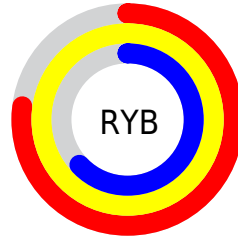
The XYZ color **75.6923, 79.8718, 45.1456** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5178, 50.3361, 101.6610**, and the grayscale version is **74.7138, 78.6048, 85.6006**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **40.9223, 43.2465, 20.6586** is the 20% darker color. If you saturate the color by 10%, you get **71.7579, 75.2420, 33.8486**, and if you desaturate by 10%, it is **80.1686, 84.8509, 58.8873**.

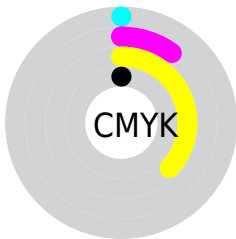
Distribution



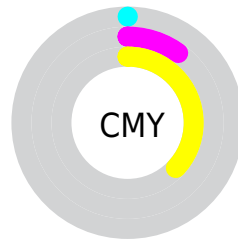
- Red (100%)
- Green (90%)
- Blue (63%)



- Red (77%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6923, 79.8718, 45.1456 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 75.6923, 79.8718, 45.1456 by changing the saturation by 10% instead.


 75.6923, 79.8718,
45.1456


 75.6923, 79.8718,
45.1456


469.2543,
494.5007, 383.5402

 56.4764, 59.6129,
31.2283


 126.2745,
133.1855, 84.2596

 40.8235, 43.1067,
20.5129


 158.3716,
167.0090, 110.2935

 28.3683, 29.9688,
12.5806


195.4931,
206.1228, 141.2032

 18.7453, 19.8149,
7.0131

238.0043,
250.9114, 177.4075

 11.5893, 12.2606,
3.3917

286.2707,
301.7591, 219.3248

 6.5349, 6.9214,
1.2980

340.6576,

 3.2167, 3.4130,

359.0503, 267.3737

0.0601

401.5304,
423.1693, 321.9726

■ 1.2694, 1.3510,
0.0000

■ 0.1601, 0.1802,
0.0000

■ 75.6923, 79.8718,
45.1456

■ 75.6923, 79.8718,
45.1456

■ 71.7579, 75.2420,
33.8486

■ 80.1686, 84.8509,
58.8873

■ 68.3304, 70.9375,
24.8434

■ 85.2073, 90.1804,
75.2045

■ 65.3797, 66.9475,
17.9673

■ 90.8353, 95.8753,
94.2243

■ 62.8695, 63.2559,
13.0340

95.0500, 100.0000,
108.9000

■ 60.7574, 59.8444,
9.8249

■ 58.9899, 56.6897,
8.0629

■ 58.4812, 55.7424,
7.6771

Harmonies

Analogous

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



85.0043, 79.8718, 49.5041



75.6923, 79.8718, 45.1456



67.1417, 79.8718, 49.9454

Triad

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



75.6923, 79.8718, 45.1456



61.5545, 79.8718, 115.8420



92.6084, 79.8718, 114.5040

Complementary

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



75.6923, 79.8718, 45.1456



50.5178, 50.3361, 101.6610

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.



85.4227, 79.8718, 138.8533



75.6923, 79.8718, 45.1456



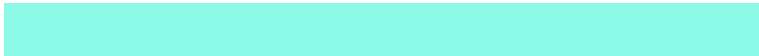
67.4993, 79.8718, 139.7302

Square

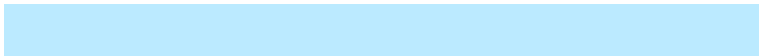
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6923, 79.8718, 45.1456



59.3995, 79.8718, 87.6090



76.1396, 79.8718, 148.8975



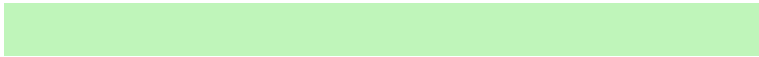
95.2407, 79.8718, 86.3278

Rectangle

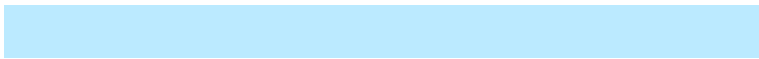
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6923, 79.8718, 45.1456



62.8966, 79.8718, 58.3996



76.1396, 79.8718, 148.8975



90.6179, 79.8718, 123.5969

Sweetspot

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



75.6943, 79.8755, 45.1472



88.4334, 93.4737, 86.0182



63.0230, 50.3656, 53.7707



18.7648, 19.8418, 17.8581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

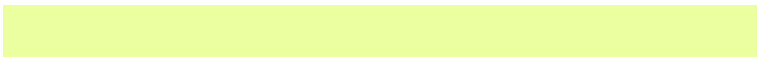
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6943, 79.8755, 45.1472



72.8312, 76.5339, 36.8411



76.3333, 91.6931, 47.3946



19.1116, 20.1914, 19.0344



30.6895, 29.3901, 4.0554



3.0799, 3.0451, 0.4254

Inverse Universe

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



50.5178, 50.3361, 101.6610



44.4457, 43.2471, 100.6127



49.9378, 42.5789, 100.1942



17.4118, 18.1952, 22.8443



10.6995, 6.3085, 50.0883



1.1287, 0.7880, 4.9059

Previews

White Background



This preview shows how the XYZ color 75.6923, 79.8718, 45.1456 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 75.6923, 79.8718, 45.1456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

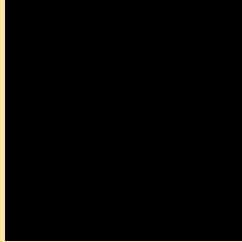
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6923, 79.8718, 45.1456

Background



This preview shows how black text looks on a background with the XYZ color 75.6923, 79.8718, 45.1456.



This preview shows how white text looks on a background with the XYZ color 75.6923, 79.8718,

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

75.6923, 79.8718, 45.1456

Protanopia

74.1644, 79.9002, 45.6958

Deuteranopia

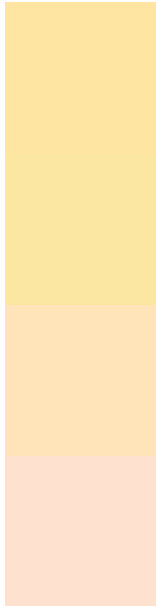
78.7452, 79.7762, 65.2809



Tritanopia

82.6231, 80.0335, 89.6906

Trichromacy



Original Color

75.6923, 79.8718, 45.1456

Protanomaly

74.6021, 79.7115, 45.6363

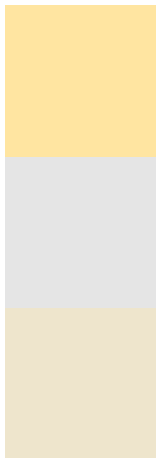
Deuteranomaly

77.4660, 79.7010, 57.1999

Tritanomaly

79.5504, 79.6645, 70.8585

Monochromacy



Original Color

75.6923, 79.8718, 45.1456

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1783, 78.5754, 68.3837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6923, 79.8718, 45.1456 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, 229, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 161)  
}
```

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, 229, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 161) }
```

Border

The CSS property to change the border of an element to XYZ 75.6923, 79.8718, 45.1456 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, 229, 161) }
```


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

```
.border{ border-color:rgb(255, 229, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6923, 79.8718, 45.1456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 161) }
```

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

```
.background{ background-color: rgb(255,  
229, 161) }
```

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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