

Converting Colors

XYZ(65.7890, 70.5473, 36.0837)

Have a look what the booklet for
XYZ(65.7890, 70.5473, 36.0837)
contains.

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Color

**XYZ(65.9645, 70.6512,
36.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DA8F
RGB	240, 218, 143
RGB Percent	94%, 85%, 56%
CMY	0.0588, 0.1451, 0.4392
CMYK	0.00, 0.09, 0.40, 0.06
HSL	46°, 76%, 75%
HSV	46°, 40%, 94%
XYZ	65.9645, 70.6512, 36.1470
YIQ	216.0280, 37.1870, -18.6610

Conversions

Conversions Part 2

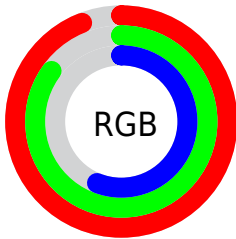
Format	Color
R_{YB}	171, 240, 143
Decimal	15784591
CIE _{Lab}	87.32, -2.64, 39.65
CIE _{LCh}	87, 39.733, 93.810
Yxy	70.6512, 0.3818, 0.4089
Android (android.graphics.Color)	4293974671 (0xFFFF0DA8F)
YUV	216.0280, -36.0028, 21.0234
Hunter-Lab	84.0543, -7.0109, 33.3407

Details

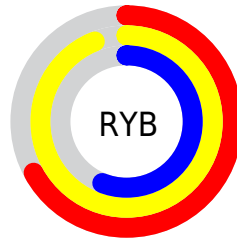
The XYZ color **65.9645, 70.6512, 36.1470** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.5107, 39.0400, 87.8383**, and the grayscale version is **65.5107, 68.9223, 75.0564**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **34.2769, 36.8948, 15.2124** is the 20% darker color. If you saturate the color by 10%, you get **62.9498, 67.2268, 27.1118**, and if you desaturate by 10%, it is **69.4180, 74.3304, 47.2489**.

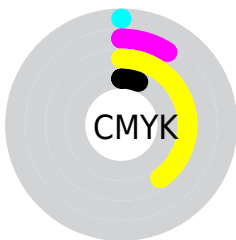
Distribution



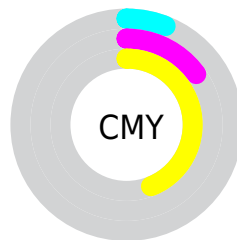
- Red (94%)
- Green (85%)
- Blue (56%)



- Red (67%)
- Yellow (94%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9645, 70.6512, 36.1470 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 65.9645, 70.6512, 36.1470 by changing the saturation by 10% instead.

65.9645, 70.6512,
36.1470

65.9645, 70.6512,
36.1470

435.7405,
462.8332, 344.6594

48.5112, 52.0576,
24.2572

112.4934,
120.1369, 70.4305

34.4448, 37.0510,
15.3105

142.2997,
151.7979, 93.6612

23.4000, 25.2470,
8.8886

176.9543,
188.5834, 121.5093

15.0115, 16.2612,
4.5728

216.8227,
230.8778, 154.3934

8.9138, 9.7091,
1.9445

262.2702,
279.0657, 192.7318

4.7417, 5.2065,
0.5208

313.6620,

2.1297, 2.3690,

333.5312, 236.9433

0.0000

371.3637,
394.6589, 287.4463

■ 0.7053, 0.8098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9645, 70.6512,
36.1470

■ 65.9645, 70.6512,
36.1470

■ 62.9498, 67.2268,
27.1118

■ 69.4180, 74.3304,
47.2489

■ 60.3433, 64.0364,
20.0069


■ 73.3282, 78.2647,
60.5334


■ 58.1182, 61.0714,
14.6865


■ 77.7186, 82.4664,
76.1130


■ 56.2421, 58.3180,
10.9818


■ 82.6090, 86.9444,
94.0912

 54.6763, 55.7601,
8.6918

 86.7028, 91.1806,
107.6376

 53.4059, 53.4667,
7.5053

 88.3754, 94.5258,
108.1952

 89.7452, 97.2652,
108.6517

Harmonies

Analogous

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



75.4013, 70.6512, 39.3634



65.9645, 70.6512, 36.1470



57.6384, 70.6512, 41.5926

Triad

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



65.9645, 70.6512, 36.1470



53.2969, 70.6512, 109.2739



84.6068, 70.6512, 101.9567

Complementary

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



65.9645, 70.6512, 36.1470



40.5107, 39.0400, 87.8383

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.



77.6584, 70.6512, 128.1161



65.9645, 70.6512, 36.1470



59.5271, 70.6512, 132.9826

Square

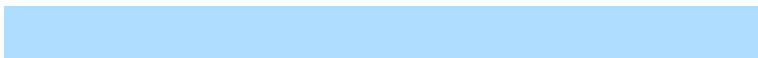
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9645, 70.6512, 36.1470



50.7664, 70.6512, 80.3988



68.3534, 70.6512, 140.5708



86.7306, 70.6512, 73.5569

Rectangle

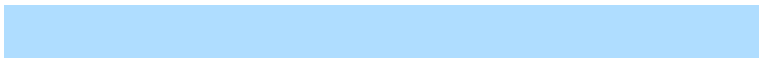
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9645, 70.6512, 36.1470



53.6648, 70.6512, 50.3591



68.3534, 70.6512, 140.5708



82.7281, 70.6512, 111.5018

Sweetspot

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



65.9662, 70.6545, 36.1485



88.3352, 93.8362, 84.2622



52.6075, 40.9107, 41.0250



18.7617, 19.9472, 17.5135



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.



65.9662, 70.6545, 36.1485



72.9825, 78.0154, 33.2576



63.8888, 78.6197, 37.7954



16.8013, 17.8157, 16.7030



29.3399, 29.4779, 4.1434



2.5142, 2.5991, 0.3692

Inverse Universe

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



40.5107, 39.0400, 87.8383



40.2920, 37.4385, 99.7105



41.8850, 34.3574, 86.8621



15.1880, 15.8101, 19.9728



9.4248, 5.0738, 45.6105



0.8566, 0.5673, 3.8186

Previews

White Background



This preview shows how the XYZ color 65.9645, 70.6512, 36.1470 looks on a white background.

Color Contrast Check

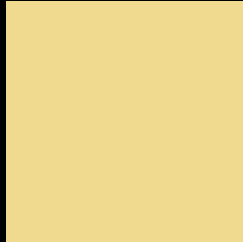
Large Text (above 18pt) WCAG AA × Fail

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 65.9645, 70.6512, 36.1470 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 65.9645, 70.6512, 36.1470

Background



This preview shows how black text looks on a background with the XYZ color 65.9645, 70.6512, 36.1470.

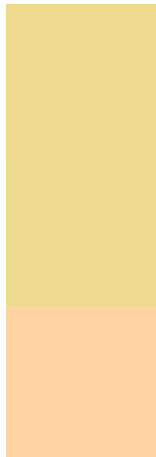


This preview shows how white text looks on a background with the XYZ color 65.9645, 70.6512,

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

65.9645, 70.6512, 36.1470

Protanopia

65.5493, 70.8233, 36.2021

Deuteranopia

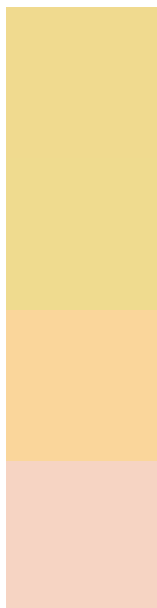
71.0559, 70.4572, 44.0370



Tritanopia

75.0773, 70.6333, 80.1976

Trichromacy



Original Color

65.9645, 70.6512, 36.1470

Protanomaly

65.8860, 70.9969, 36.2178

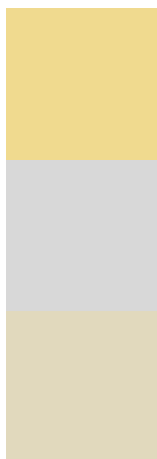
Deuteranomaly

69.3873, 70.7837, 41.0159

Tritanomaly

71.3998, 70.6199, 61.4976

Monochromacy



Original Color

65.9645, 70.6512, 36.1470

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0495, 69.3074, 58.0933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9645, 70.6512, 36.1470 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(240, 218, 143)` looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 143)  
}
```

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(240, 218, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 143) }
```

Border

The CSS property to change the border of an element to XYZ 65.9645, 70.6512, 36.1470 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(240, 218, 143) }
```


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

```
.border{ border-color:rgb(240, 218, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 143);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9645, 70.6512, 36.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 143) }
```

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

```
.background{ background-color: rgb(240,  
218, 143) }
```

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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