

Converting Colors

XYZ(72.6293, 76.4648, 35.7421)

Have a look what the booklet for
XYZ(72.6293, 76.4648, 35.7421)
contains.

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Color

**XYZ(72.6293, 76.4648,
35.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE08C
RGB	255, 224, 140
RGB Percent	100%, 88%, 55%
CMY	0.0000, 0.1215, 0.4510
CMYK	0.00, 0.12, 0.45, 0.00
HSL	44°, 100%, 77%
HSV	44°, 45%, 100%
XYZ	72.6293, 76.4648, 35.7421
YIQ	223.6930, 45.4400, -19.5520

Conversions

Conversions Part 2

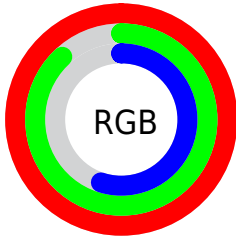
Format	Color
R _Y B	182, 255, 140
Decimal	16769164
CIE Lab	90.07, -0.10, 44.92
CIE LCh	90, 44.922, 90.129
Yxy	76.4648, 0.3929, 0.4137
Android (android.graphics.Color)	4294959244 (0xFFFFE08C)
YUV	223.6930, -41.2606, 27.4562
Hunter-Lab	87.4442, -4.7689, 36.9766

Details

The XYZ color **72.6293, 76.4648, 35.7421** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.4276, 41.9198, 100.4100**, and the grayscale version is **70.8965, 74.5886, 81.2270**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **38.7144, 40.8163, 15.0704** is the 20% darker color. If you saturate the color by 10%, you get **69.1533, 72.1812, 26.3575**, and if you desaturate by 10%, it is **76.6194, 81.0791, 47.4491**.

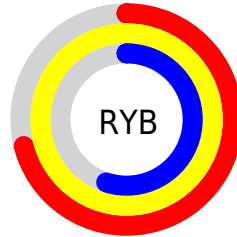
Distribution



Red (100%)

Green (88%)

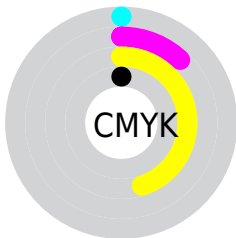
Blue (55%)



Red (71%)

Yellow (100%)

Blue (55%)

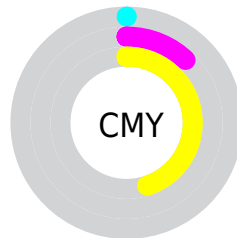


Cyan (0%)

Magenta (12%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6293, 76.4648, 35.7421 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 72.6293, 76.4648, 35.7421 by changing the saturation by 10% instead.

72.6293, 76.4648,
35.7421

72.6293, 76.4648,
35.7421

458.8527,
482.9373, 342.8352

53.9602, 56.8137,
23.9470

121.9568,
128.3837, 69.7984

38.8004, 40.8557,
15.0824

153.3459,
161.4203, 92.8966

26.7845, 28.2064,
8.7300

189.7057,
199.6876, 120.5996

17.5472, 18.4813,
4.4711

231.4015,
243.5699, 153.3259

10.7231, 11.2961,
1.8872

278.7988,
293.4516, 191.4941

5.9469, 6.2663,
0.4846

332.2629,

2.8532, 3.0077,

349.7172, 235.5227

0.0000

392.1591,
412.7509, 285.8302

■ 1.0766, 1.1358,
0.0000

■ 0.0054, 0.0083,
0.0000

■ 72.6293, 76.4648,
35.7421

■ 72.6293, 76.4648,
35.7421

■ 69.1533, 72.1812,
26.3575

■ 76.6194, 81.0791,
47.4491

■ 66.1544, 68.2037,
19.1296

■ 81.1465, 86.0263,
61.6194

■ 63.5992, 64.5204,
13.8782

■ 86.2385, 91.3216,
78.3883

■ 61.4465, 61.1132,
10.3914

■ 91.9199, 96.9761,
97.8798

■ 59.6458, 57.9606, 95.0499, 100.0000,
8.4080 108.9000

■ 58.8567, 56.4935,
7.8023

Harmonies

Analogous

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



83.8773, 76.4648, 40.5838



72.6293, 76.4648, 35.7421



62.4464, 76.4648, 40.6694

Triad

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



72.6293, 76.4648, 35.7421



55.6796, 76.4648, 118.0049



92.8811, 76.4648, 117.7034

Complementary

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



72.6293, 76.4648, 35.7421



43.4276, 41.9198, 100.4100

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.



83.9692, 76.4648, 148.3903



72.6293, 76.4648, 35.7421



62.5219, 76.4648, 148.5933

Square

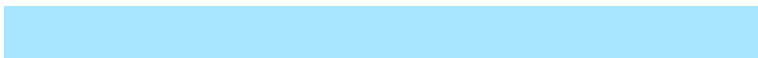
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6293, 76.4648, 35.7421



53.2914, 76.4648, 83.3953



72.7257, 76.4648, 160.9110



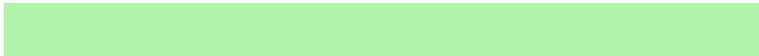
96.2730, 76.4648, 83.1192

Rectangle

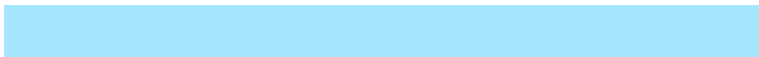
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6293, 76.4648, 35.7421



57.4450, 76.4648, 49.7954



72.7257, 76.4648, 160.9110



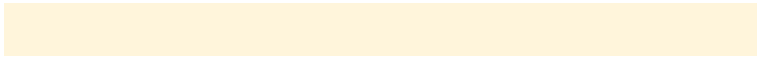
90.3895, 76.4648, 129.1048

Sweetspot

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



72.6312, 76.4684, 35.7437



86.8327, 91.9243, 80.3917



58.1211, 43.0179, 44.5649



18.3371, 19.4228, 16.3705



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.



72.6312, 76.4684, 35.7437



69.5110, 72.6363, 27.2788



73.1537, 90.2502, 38.3763



19.1228, 20.2139, 19.0381



30.8840, 29.7792, 4.1202



3.0975, 3.0803, 0.4313

Inverse Universe

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



43.4276, 41.9198, 100.4100



37.0502, 34.2701, 99.2698



42.9285, 33.9674, 98.9014



17.4012, 18.1741, 22.8408



10.6393, 6.1881, 50.0683



1.1216, 0.7739, 4.9035

Previews

White Background



This preview shows how the XYZ color 72.6293, 76.4648, 35.7421 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 72.6293, 76.4648, 35.7421 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 72.6293, 76.4648, 35.7421

Background



This preview shows how black text looks on a background with the XYZ color 72.6293, 76.4648, 35.7421.



This preview shows how white text looks on a background with the XYZ color 72.6293, 76.4648,

35.7421.

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

72.6293, 76.4648, 35.7421

Protanopia

70.6346, 76.6354, 36.2686

Deuteranopia

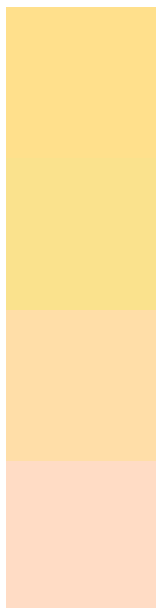
75.7482, 76.4336, 56.1082



Tritanopia

80.1957, 76.5429, 84.6762

Trichromacy



Original Color

72.6293, 76.4648, 35.7421

Protanomaly

71.4284, 76.6398, 36.2276

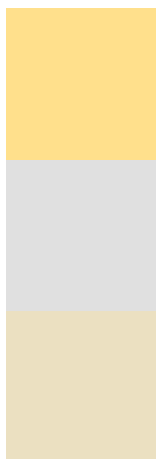
Deuteranomaly

74.4292, 76.3297, 47.8561

Tritanomaly

76.9112, 76.4776, 63.5313

Monochromacy



Original Color

72.6293, 76.4648, 35.7421

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5422, 74.8237, 61.1765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6293, 76.4648, 35.7421 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, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 140)  
}
```

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, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 140) }
```

Border

The CSS property to change the border of an element to XYZ 72.6293, 76.4648, 35.7421 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, 224, 140) }
```


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

```
.border{ border-color:rgb(255, 224, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6293, 76.4648, 35.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 140) }
```

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

```
.background{ background-color: rgb(255,  
224, 140) }
```

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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