

Converting Colors

XYZ(196.6753, 138.2789,
51.2713)

Have a look what the booklet for
XYZ(196.6753, 138.2789, 51.2713)
contains.

XYZ(73.2724, 74.6034, 45.6600)	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(73.2724, 74.6034,
45.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBA4
RGB	255, 219, 164
RGB Percent	100%, 86%, 64%
CMY	0.0000, 0.1412, 0.3569
CMYK	0.00, 0.14, 0.36, 0.00
HSL	36°, 100%, 82%
HSV	36°, 36%, 100%
XYZ	73.2724, 74.6034, 45.6600
YIQ	223.4940, 39.1110, -9.4730

Conversions

Conversions Part 2

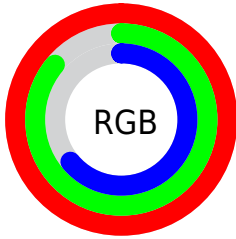
Format	Color
RYP	224, 255, 164
Decimal	16767908
CIELab	89.21, 4.98, 31.69
CIElCh	89, 32.081, 81.061
Yxy	74.6034, 0.3786, 0.3855
Android (android.graphics.Color)	4294957988 (0xFFFFDBA4)
YUV	223.4940, -29.3305, 27.6308
Hunter-Lab	86.3733, 0.2724, 29.1185

Details

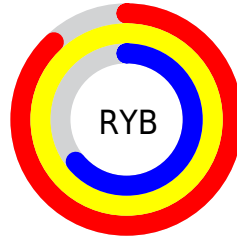
The XYZ color **73.2724, 74.6034, 45.6600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0135, 56.4192, 102.6509**, and the grayscale version is **70.6751, 74.3557, 80.9734**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **39.2260, 39.5911, 20.9036** is the 20% darker color. If you saturate the color by 10%, you get **68.6448, 68.6713, 33.8727**, and if you desaturate by 10%, it is **78.5249, 81.0460, 59.9351**.

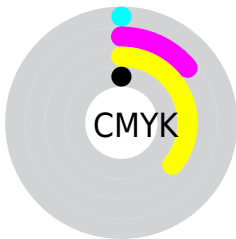
Distribution



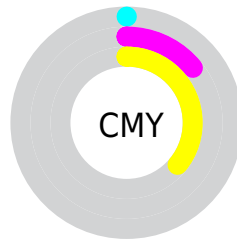
- Red (100%)
- Green (86%)
- Blue (64%)



- Red (88%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2724, 74.6034, 45.6600 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 73.2724, 74.6034, 45.6600 by changing the saturation by 10% instead.


 73.2724, 74.6034,
45.6600


 73.2724, 74.6034,
45.6600


461.0475,
476.5533, 385.6778

 54.4879, 55.2880,
31.6309


 122.8649,
125.7508, 85.0388

 39.2241, 39.6324,
20.8172


 154.4036,
158.3516, 111.2256

 27.1156, 27.2520,
12.8005


190.9244,
196.1497, 142.3021

 17.7971, 17.7626,
7.1622

232.7927,
239.5295, 178.6867

 10.9032, 10.7797,
3.4838

280.3738,
288.8754, 220.7981

 6.0686, 5.9189,
1.3467

334.0330,

 2.9279, 2.7958,

344.5717, 269.0547

0.0996

394.1359,
407.0029, 323.8751

■ 1.1157, 1.0261,
0.0000

■ 0.0382, 0.0000,
0.0000

■ 73.2724, 74.6034,
45.6600

■ 73.2724, 74.6034,
45.6600

■ 68.6448, 68.6713,
33.8727

■ 78.5249, 81.0460,
59.9351

■ 64.6060, 63.2227,
24.4215

■ 84.4250, 88.0044,
76.8282

■ 61.1242, 58.2430,
17.1452

■ 91.0007, 95.4967,
96.4661

■ 58.1618, 53.7124,
11.8598

95.0500, 100.0000,
108.9000

■ 55.6752, 49.6085,
8.3505

■ 53.6108, 45.9049,
6.3516

■ 52.8182, 44.4164,
5.7894

Harmonies

Analogous

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



80.7932, 74.6034, 52.1073



73.2724, 74.6034, 45.6600



65.6366, 74.6034, 47.2833

Triad

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



73.2724, 74.6034, 45.6600



57.7714, 74.6034, 97.7240



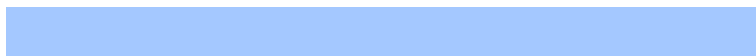
83.2696, 74.6034, 111.4403

Complementary

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



73.2724, 74.6034, 45.6600



54.0135, 56.4192, 102.6509

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.



76.4550, 74.6034, 128.4537



73.2724, 74.6034, 45.6600



61.8645, 74.6034, 119.5768

Square

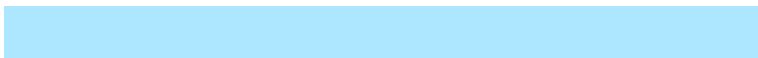
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2724, 74.6034, 45.6600



57.0568, 74.6034, 74.7160



68.5956, 74.6034, 131.6778



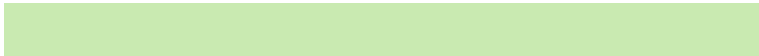
86.8376, 74.6034, 88.1129

Rectangle

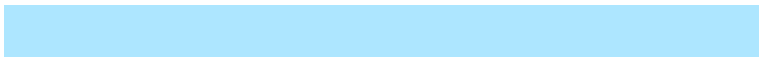
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2724, 74.6034, 45.6600



61.4754, 74.6034, 52.8743



68.5956, 74.6034, 131.6778



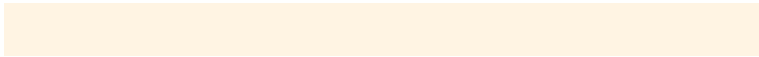
81.2599, 74.6034, 118.2538

Sweetspot

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



73.2742, 74.6068, 45.6615



87.4203, 91.4475, 85.6805



64.9881, 52.0006, 61.5016



18.5227, 19.3577, 17.7774



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

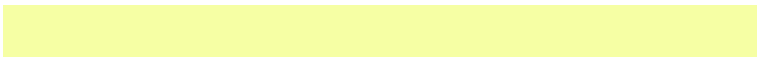
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2742, 74.6068, 45.6615



69.8287, 70.2167, 36.8026



80.4321, 93.7752, 48.9841



18.9230, 19.8141, 18.9715



27.7485, 23.5082, 3.0750



2.8084, 2.5023, 0.3350

Inverse Universe

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



54.0135, 56.4192, 102.6509



47.9265, 49.5469, 101.6453



48.5819, 42.6675, 100.2828



17.5925, 18.5565, 22.9045



11.9917, 8.8930, 50.5191



1.2706, 1.0718, 4.9532

Previews

White Background



This preview shows how the XYZ color 73.2724, 74.6034, 45.6600 looks on a white background.

Color Contrast Check

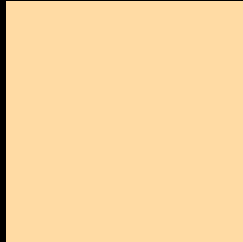
Large Text (above 18pt) WCAG AA × Fail

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 73.2724, 74.6034, 45.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

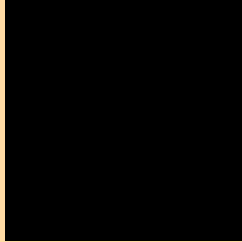
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2724, 74.6034, 45.6600

Background



This preview shows how black text looks on a background with the XYZ color 73.2724, 74.6034, 45.6600.



This preview shows how white text looks on a background with the XYZ color 73.2724, 74.6034,

45.6600.

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

73.2724, 74.6034, 45.6600

Protanopia

69.8142, 74.7653, 46.8279

Deuteranopia

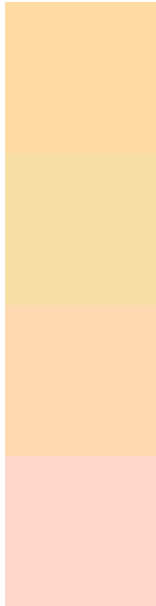
74.8586, 74.8217, 55.2963



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

73.2724, 74.6034, 45.6600

Protanomaly

70.9188, 74.5520, 46.2495

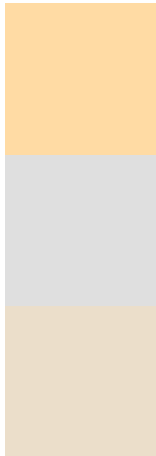
Deuteranomaly

74.1479, 74.5374, 51.5534

Tritanomaly

76.3199, 74.1727, 66.7942

Monochromacy



Original Color

73.2724, 74.6034, 45.6600

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0429, 74.1690, 66.4488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2724, 74.6034, 45.6600 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, 219, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 164)  
}
```

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, 219, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 164) }
```

Border

The CSS property to change the border of an element to XYZ 73.2724, 74.6034, 45.6600 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, 219, 164) }
```


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

```
.border{ border-color:rgb(255, 219, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 164); box-shadow:4px 4px 4px 4px rgb(255, 219, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2724, 74.6034, 45.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 164) }
```

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

```
.background{ background-color: rgb(255,  
219, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor