

Converting Colors

XYZ(84.2332, 76.7902, 54.6937)

Have a look what the booklet for
XYZ(84.2332, 76.7902, 54.6937)
contains.

XYZ(72.7301, 70.7306, 54.0750)	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(72.7301, 70.7306,
54.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B6
RGB	255, 210, 182
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1764, 0.2863
CMYK	0.00, 0.18, 0.29, 0.00
HSL	23°, 100%, 86%
HSV	23°, 29%, 100%
XYZ	72.7301, 70.7306, 54.0750
YIQ	220.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

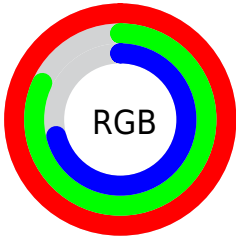
Format	Color
R _Y B	255, 227, 182
Decimal	16765622
CIE Lab	87.35, 11.84, 19.81
CIE LCh	87, 23.080, 59.143
Yxy	70.7306, 0.3682, 0.3581
Android (android.graphics.Color)	4294955702 (0xFFFFD2B6)
YUV	220.2630, -18.8637, 30.4643
Hunter-Lab	84.1015, 7.1874, 20.7492

Details

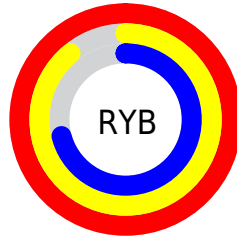
The XYZ color **72.7301, 70.7306, 54.0750** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8096, 72.1008, 105.1088**, and the grayscale version is **68.3228, 71.8809, 78.2783**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **38.8769, 37.2322, 25.9064** is the 20% darker color. If you saturate the color by 10%, you get **66.6395, 62.3897, 40.2058**, and if you desaturate by 10%, it is **79.6852, 80.0321, 70.6014**.

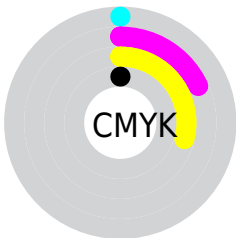
Distribution



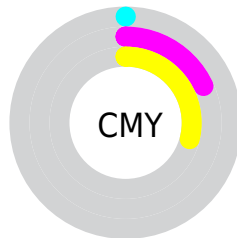
- Red (100%)
- Green (82%)
- Blue (71%)



- Red (100%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7301, 70.7306, 54.0750 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 72.7301, 70.7306, 54.0750 by changing the saturation by 10% instead.


 72.7301, 70.7306,
54.0750

 72.7301, 70.7306,
54.0750


459.1971,
463.1111, 419.5786

 54.0429, 52.1224,
38.2680


 122.0992,
120.2501, 97.6419

 38.8668, 37.1026,
25.8873


153.5117,
151.9301, 126.2389

 26.8363, 25.2870,
16.5144


189.8968,
188.7361, 159.9363

 17.5863, 16.2910,
9.7306

231.6198,
231.0527, 199.1527

 10.7513, 9.7303,
5.1174

279.0459,
279.2640, 244.3065

 5.9659, 5.2205,
2.2564

332.5406,

 2.8648, 2.3772,

333.7546, 295.8165

0.7066

392.4692,
394.9089, 354.1010

■ 1.0827, 0.8141,
0.0000

■ 0.0106, 0.0000,
0.0000

■ 72.7301, 70.7306,
54.0750

■ 72.7301, 70.7306,
54.0750

■ 66.6395, 62.3897,
40.2058

■ 79.6852, 80.0321,
70.6014

■ 61.3713, 54.9676,
28.8485

■ 87.5342, 90.3153,
89.9110

■ 56.8870, 48.4330,
19.8504

95.0500, 100.0000,
108.9000

■ 53.1431, 42.7494,
13.0402

■ 50.0905, 37.8767,
8.2230

■ 47.6730, 33.7710,
5.1683

■ 45.8149, 30.3792,
3.5496

■ 45.5915, 29.9630,
3.3805

Harmonies

Analogous

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



76.7726, 70.7306, 63.3402



72.7301, 70.7306, 54.0750



67.3836, 70.7306, 50.7999

Triad

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



72.7301, 70.7306, 54.0750



57.3115, 70.7306, 76.5671



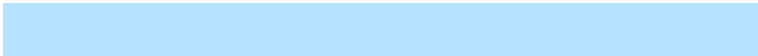
72.4454, 70.7306, 106.2182

Complementary

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



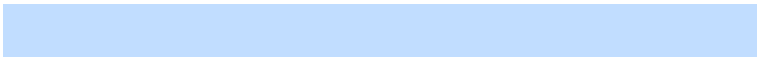
72.7301, 70.7306, 54.0750



64.8096, 72.1008, 105.1088

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.



67.0712, 70.7306, 110.9774



72.7301, 70.7306, 54.0750



58.5080, 70.7306, 92.5255

Square

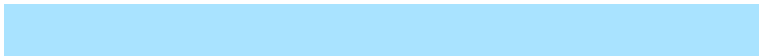
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7301, 70.7306, 54.0750



58.6505, 70.7306, 62.6625



62.0093, 70.7306, 105.6649



76.6020, 70.7306, 93.4039

Rectangle

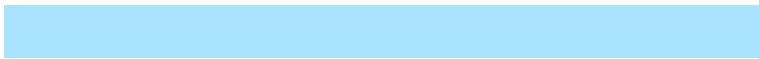
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7301, 70.7306, 54.0750



63.8587, 70.7306, 52.0616



62.0093, 70.7306, 105.6649



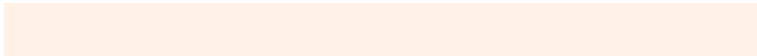
70.7124, 70.7306, 108.8837

Sweetspot

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



72.7318, 70.7338, 54.0764



87.2248, 89.9135, 89.1390



71.8358, 60.2636, 80.5314



18.4142, 18.9128, 18.4434



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.



72.7318, 70.7338, 54.0764



69.3536, 66.1338, 46.3023



82.7867, 90.8435, 57.4281



18.5806, 19.1294, 18.8574



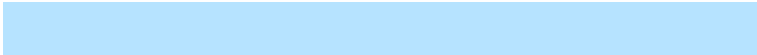
23.9557, 15.9227, 1.8108



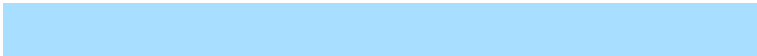
2.4343, 1.7539, 0.2102

Inverse Universe

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



64.8096, 72.1008, 105.1088



60.3143, 67.6817, 104.4927



55.8677, 54.2170, 102.1281



17.9353, 19.2423, 23.0188



15.8958, 16.7012, 51.8204



1.6535, 1.8377, 5.0808

Previews

White Background



This preview shows how the XYZ color 72.7301, 70.7306, 54.0750 looks on a white background.

Color Contrast Check

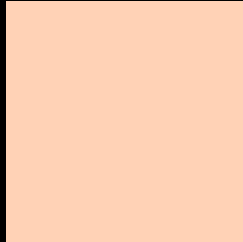
Large Text (above 18pt) WCAG AA × Fail

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 72.7301, 70.7306, 54.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

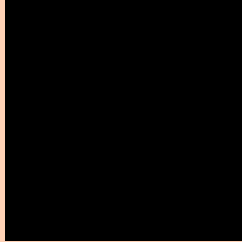
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7301, 70.7306, 54.0750

Background



This preview shows how black text looks on a background with the XYZ color 72.7301, 70.7306, 54.0750.



This preview shows how white text looks on a background with the XYZ color 72.7301, 70.7306,

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

72.7301, 70.7306, 54.0750

Protanopia

67.1494, 71.1971, 56.6576

Deuteranopia

72.2458, 70.8486, 54.1233



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

72.7301, 70.7306, 54.0750

Protanomaly

69.2480, 71.1398, 55.9805

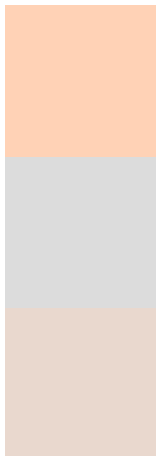
Deuteranomaly

72.6108, 71.0368, 54.1404

Tritanomaly

74.6934, 70.3419, 68.0331

Monochromacy



Original Color

72.7301, 70.7306, 54.0750

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3007, 70.8916, 68.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7301, 70.7306, 54.0750 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, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 182)  
}
```

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, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 182) }
```

Border

The CSS property to change the border of an element to XYZ 72.7301, 70.7306, 54.0750 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, 210, 182) }
```


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

```
.border{ border-color:rgb(255, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7301, 70.7306, 54.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 182) }
```

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

```
.background{ background-color: rgb(255,  
210, 182) }
```

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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