

Converting Colors

XYZ(56.0621, 73.4240, 37.5415)

Have a look what the booklet for
XYZ(56.0621, 73.4240, 37.5415)
contains.

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Color

**XYZ(56.0573, 73.2734,
37.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	BCED90
RGB	188, 237, 144
RGB Percent	74%, 93%, 56%
CMY	0.2627, 0.0706, 0.4353
CMYK	0.21, 0.00, 0.39, 0.07
HSL	92°, 72%, 75%
HSV	92°, 39%, 93%
XYZ	56.0573, 73.2734, 37.5742
YIQ	211.7470, 0.6490, -39.3110

Conversions

Conversions Part 2

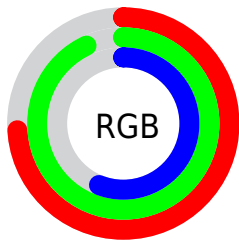
Format	Color
RYB	144, 237, 193
Decimal	12381584
CIELab	88.58, -31.46, 40.02
CIELCh	89, 50.906, 128.167
Yxy	73.2734, 0.3359, 0.4390
Android (android.graphics.Color)	4290571664 (0xFFBCED90)
YUV	211.7470, -33.3993, -20.8261
Hunter-Lab	85.5999, -32.9044, 33.8945

Details

The XYZ color **56.0573, 73.2734, 37.5742** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.2547, 37.4005, 84.8533**, and the grayscale version is **62.6274, 65.8889, 71.7531**.

A 20% lighter version of the original color is **83.7250, 95.0560, 67.9677**, and **28.1285, 38.8070, 16.1332** is the 20% darker color. If you saturate the color by 10%, you get **51.4887, 71.1082, 28.8771**, and if you desaturate by 10%, it is **61.2762, 75.7343, 48.2896**.

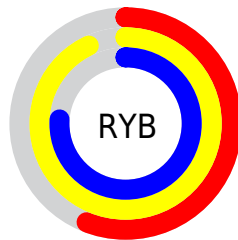
Distribution



Red (74%)

Green (93%)

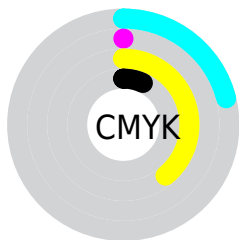
Blue (56%)



Red (56%)

Yellow (93%)

Blue (76%)

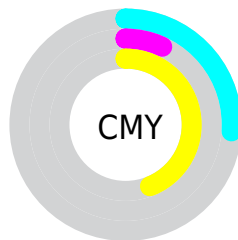


Cyan (21%)

Magenta (0%)

Yellow (39%)

Black (7%)



Cyan (26%)


Magenta (7%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0573, 73.2734, 37.5742 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 56.0573, 73.2734, 37.5742 by changing the saturation by 10% instead.


 56.0573, 73.2734,
37.5742


 56.0573, 73.2734,
37.5742


399.9789,
471.9618, 351.0331

 40.4860, 54.1995,
25.3531


 98.2277, 123.8653,
72.6512

 28.1036, 38.7612,
16.1189


 125.5575,
156.1521, 96.3442

 18.5446, 26.5740,
9.4531


157.5376,
193.6120, 124.6982

 11.4438, 17.2536,
4.9370

194.5332,
236.6294, 158.1319

 6.4356, 10.4154,
2.1523

236.9099,
285.5886, 197.0636

 3.1549, 5.6753,
0.6466


285.0328,

 1.2362, 2.6486,


340.8742, 241.9121

0.0000


339.2673,
402.8705, 293.0957


 0.1347, 0.9512,
0.0000


 0.0000, 0.0000,
0.0000


 56.0573, 73.2734,
37.5742


 56.0573, 73.2734,
37.5742

 51.4887, 71.1082,
28.8771


 61.2762, 75.7343,
48.2896


 47.5340, 69.2162,
22.0669

 67.1681, 78.4936,
61.1341

 44.1615, 67.5862,
17.0040

 73.7615, 81.5656,
76.2163

 41.3334, 66.2022,
13.5278

 81.0812, 84.9610,
93.6359

■ 39.0060, 65.0460,
11.4475

■ 87.9186, 88.1972,
106.9977

■ 37.1148, 64.0908,
10.4663

■ 89.5757, 89.0515,
107.0752

■ 36.9835, 64.0243,
10.4087

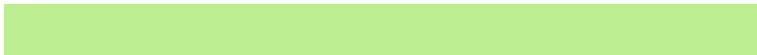
Harmonies

Analogous

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



66.3459, 73.2734, 29.8446



56.0573, 73.2734, 37.5742



49.9573, 73.2734, 57.1971

Triad

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



56.0573, 73.2734, 37.5742



61.2323, 73.2734, 160.3861



95.7084, 73.2734, 70.5628

Complementary

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



56.0573, 73.2734, 37.5742



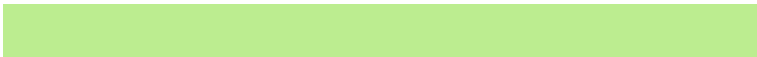
47.2547, 37.4005, 84.8533

Split Complementary

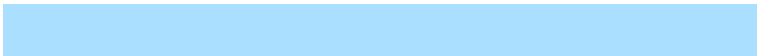
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9233, 73.2734, 107.6452



56.0573, 73.2734, 37.5742



73.0500, 73.2734, 167.1071

Square

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



56.0573, 73.2734, 37.5742



52.6916, 73.2734, 129.2495



85.2661, 73.2734, 145.5766



89.8910, 73.2734, 44.8859

Rectangle

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



56.0573, 73.2734, 37.5742



48.6228, 73.2734, 77.6399



85.2661, 73.2734, 145.5766



95.9895, 73.2734, 81.9637

Sweetspot

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



56.0591, 73.2766, 37.5758



84.8237, 95.2527, 84.7207



58.8226, 57.7422, 34.4317



17.9336, 20.2846, 17.6222



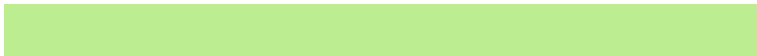
0.0000, 0.0000, 0.0000



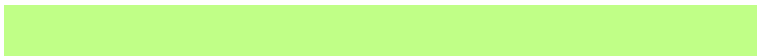
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0591, 73.2766, 37.5758



61.8437, 84.4602, 36.0200



46.9414, 68.5624, 37.7719



15.5461, 17.2115, 16.0215



20.3398, 35.0300, 5.6895



1.7075, 2.8076, 0.4519

Inverse Universe

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



47.2547, 37.4005, 84.8533



50.1031, 36.6366, 99.0386



59.9618, 43.9773, 84.2707



14.9888, 14.9395, 19.0159



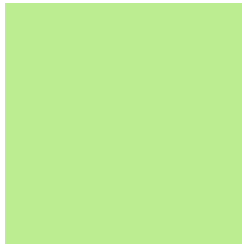
13.1065, 5.7926, 44.1703



1.1402, 0.5121, 3.4736

Previews

White Background



This preview shows how the XYZ color 56.0573, 73.2734, 37.5742 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 56.0573, 73.2734, 37.5742 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 56.0573, 73.2734, 37.5742

Background



This preview shows how black text looks on a background with the XYZ color 56.0573, 73.2734, 37.5742.



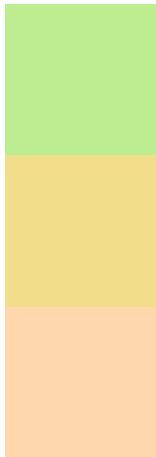
This preview shows how white text looks on a background with the XYZ color 56.0573, 73.2734,

37.5742.

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

56.0573, 73.2734, 37.5742

Protanopia

67.3267, 72.9548, 34.5779

Deuteranopia

72.9868, 72.8394, 49.2423



Tritanopia

67.7315, 73.0180, 95.3181

Trichromacy



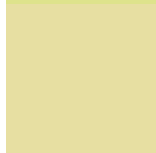
Original Color

56.0573, 73.2734, 37.5742



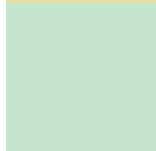
Protanomaly

62.3269, 72.3612, 35.4931



Deuteranomaly

65.8643, 72.3729, 44.6804



Tritanomaly

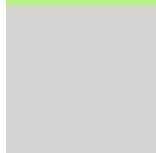
62.5705, 72.5494, 69.7371

Monochromacy



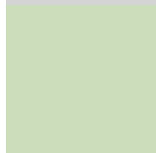
Original Color

56.0573, 73.2734, 37.5742



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.4547, 67.9973, 57.0049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0573, 73.2734, 37.5742 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(188, 237, 144)` looks like.

```
.text, #text, p{  
    color:rgb(188, 237, 144)  
}
```

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(188, 237, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 237, 144) }
```

Border

The CSS property to change the border of an element to XYZ 56.0573, 73.2734, 37.5742 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(188, 237, 144) }
```


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

```
.border{ border-color:rgb(188, 237, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 237, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 237, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 237, 144);  
box-shadow:4px 4px 4px 4px rgb(188, 237,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0573, 73.2734, 37.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 237, 144) }
```

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

```
.background{ background-color: rgb(188,  
237, 144) }
```

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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