

Converting Colors

XYZ(67.2070, 73.2646, 53.7793)

Have a look what the booklet for
XYZ(67.2070, 73.2646, 53.7793)
contains.

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Color

**XYZ(67.2070, 73.2646,
53.7793)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E0B4
RGB	229, 224, 180
RGB Percent	90%, 88%, 71%
CMY	0.1020, 0.1215, 0.2941
CMYK	0.00, 0.02, 0.21, 0.10
HSL	54°, 49%, 80%
HSV	54°, 21%, 90%
XYZ	67.2070, 73.2646, 53.7793
YIQ	220.4790, 17.1040, -12.6240

Conversions

Conversions Part 2

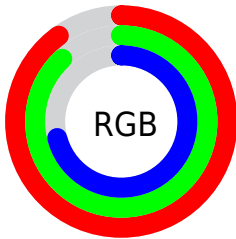
Format	Color
R_{YB}	186, 229, 180
Decimal	15065268
CIE _{Lab}	88.57, -5.30, 22.21
CIE _{LCh}	89, 22.830, 103.431
Yxy	73.2646, 0.3460, 0.3772
Android (android.graphics.Color)	4293255348 (0xFFE5E0B4)
YUV	220.4790, -19.9561, 7.4729
Hunter-Lab	85.5947, -9.6368, 22.6643

Details

The XYZ color **67.2070, 73.2646, 53.7793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.3141, 50.0573, 81.1394**, and the grayscale version is **68.4907, 72.0575, 78.4706**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **35.2523, 38.7925, 25.7084** is the 20% darker color. If you saturate the color by 10%, you get **64.4419, 71.1640, 42.2835**, and if you desaturate by 10%, it is **70.3701, 75.5431, 67.3111**.

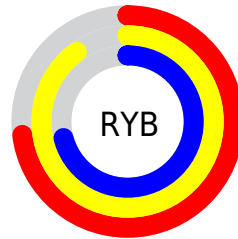
Distribution



Red (90%)

Green (88%)

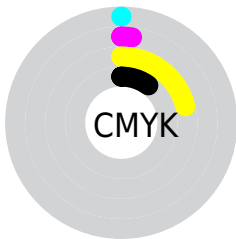
Blue (71%)



Red (73%)

Yellow (90%)

Blue (71%)

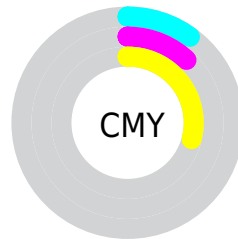


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2070, 73.2646, 53.7793 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 67.2070, 73.2646, 53.7793 by changing the saturation by 10% instead.

■ 67.2070, 73.2646,
53.7793

■ 67.2070, 73.2646,
53.7793

440.1021,
471.9314, 418.4187

■ 49.5242, 54.1923,
38.0333

■ 114.2651,
123.8528, 97.2033

■ 35.2517, 38.7555,
25.7065

144.3712,
156.1375, 125.7183

■ 24.0243, 26.5695,
16.3804

179.3490,
193.5951, 159.3267

■ 15.4765, 17.2502,
9.6365

219.5639,
236.6101, 198.4470

■ 9.2429, 10.4130,
5.0562

265.3813,
285.5669, 243.4978

■ 4.9584, 5.6737,
2.2209

317.1666,

■ 2.2574, 2.6477,

340.8497, 294.8977

0.6864

375.2851,
402.8431, 353.0651

■ 0.7727, 0.9507,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2070, 73.2646,
53.7793

■ 67.2070, 73.2646,
53.7793

■ 64.4419, 71.1640,
42.2835

■ 70.3701, 75.5431,
67.3111

■ 62.0500, 69.2240,
32.7193

■ 73.9430, 77.9970,
82.9669

■ 60.0127, 67.4394,
24.9803

■ 77.9442, 80.6360,
100.8353

■ 58.3074, 65.8013,
18.9478

■ 79.5996, 82.3506,
106.3077

■ 56.9090, 64.2995,
14.4892

■ 80.2661, 83.6837,
106.5298

■ 55.7884, 62.9223,
11.4522

■ 80.9415, 85.0344,
106.7550

■ 54.9111, 61.6559,
9.6546

■ 81.6256, 86.4027,
106.9830

■ 54.3019, 60.6354,
8.8418

■ 82.3186, 87.7887,
107.2140

■ 83.0205, 89.1925,
107.4480

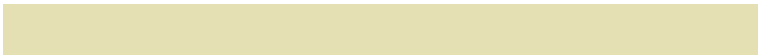
Harmonies

Analogous

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



72.6971, 73.2646, 54.1103



67.2070, 73.2646, 53.7793



62.6120, 73.2646, 59.7278

Triad

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



67.2070, 73.2646, 53.7793



62.2310, 73.2646, 102.4714



80.2777, 73.2646, 88.7303

Complementary

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



67.2070, 73.2646, 53.7793



50.3141, 50.0573, 81.1394

Split Complementary

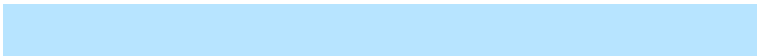
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1662, 73.2646, 103.8647



67.2070, 73.2646, 53.7793



66.6617, 73.2646, 112.4851

Square

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



67.2070, 73.2646, 53.7793



59.8429, 73.2646, 87.0201



72.1224, 73.2646, 113.0262



80.4428, 73.2646, 72.9393

Rectangle

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



67.2070, 73.2646, 53.7793



60.5945, 73.2646, 66.9718



72.1224, 73.2646, 113.0262



79.5345, 73.2646, 94.1089

Sweetspot

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



67.2089, 73.2679, 53.7809



92.1881, 98.0623, 96.2737



57.4680, 52.8346, 53.4668



19.6679, 20.9453, 20.3255



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.



67.2089, 73.2679, 53.7809



84.0344, 92.2044, 61.3417



62.8983, 73.0680, 53.9695



15.4695, 16.5529, 15.2841



31.0985, 34.7712, 5.0725



2.3345, 2.6423, 0.3870

Inverse Universe

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



50.3141, 50.0573, 81.1394



58.5800, 57.2366, 102.5680



53.9607, 50.4132, 81.0159



13.7005, 14.1223, 18.1481



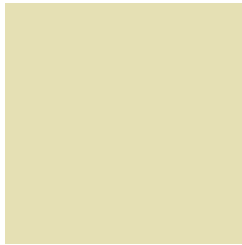
8.3057, 3.6735, 42.6545



0.6540, 0.3519, 3.1654

Previews

White Background



This preview shows how the XYZ color 67.2070, 73.2646, 53.7793 looks on a white background.

Color Contrast Check

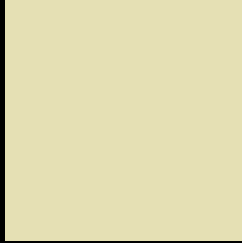
Large Text (above 18pt) WCAG AA × Fail

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 67.2070, 73.2646, 53.7793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

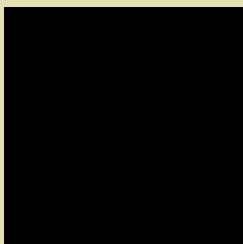
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

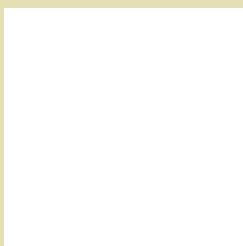
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2070, 73.2646, 53.7793

Background



This preview shows how black text looks on a background with the XYZ color 67.2070, 73.2646, 53.7793.



This preview shows how white text looks on a background with the XYZ color 67.2070, 73.2646,

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

67.2070, 73.2646, 53.7793

Protanopia

68.8500, 73.3301, 53.1732

Deuteranopia

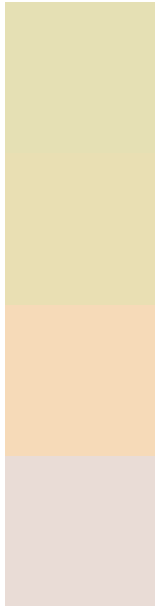
74.1495, 72.8983, 56.6171



Tritanopia

74.2562, 73.3991, 88.0956

Trichromacy



Original Color

67.2070, 73.2646, 53.7793

Protanomaly

68.1286, 73.3537, 53.2157

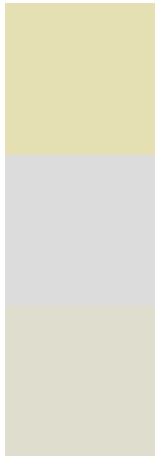
Deuteranomaly

71.7292, 73.1963, 55.6952

Tritanomaly

71.3351, 73.3651, 74.0194

Monochromacy



Original Color

67.2070, 73.2646, 53.7793

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3073, 71.8087, 68.0706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2070, 73.2646, 53.7793 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(229, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 180)  
}
```

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(229, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 180) }
```

Border

The CSS property to change the border of an element to XYZ 67.2070, 73.2646, 53.7793 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(229, 224, 180) }
```


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

```
.border{ border-color:rgb(229, 224, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2070, 73.2646, 53.7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 180) }
```

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

```
.background{ background-color: rgb(229,  
224, 180) }
```

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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