

Converting Colors

XYZ(68.0110, 70.0064, 52.3151)

Have a look what the booklet for
XYZ(68.0110, 70.0064, 52.3151)
contains.

XYZ(67.7799, 69.6985, 52.5286)	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(67.7799, 69.6985,
52.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6B3
RGB	239, 214, 179
RGB Percent	94%, 84%, 70%
CMY	0.0627, 0.1608, 0.2980
CMYK	0.00, 0.10, 0.25, 0.06
HSL	35°, 65%, 82%
HSV	35°, 25%, 94%
XYZ	67.7799, 69.6985, 52.5286
YIQ	217.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

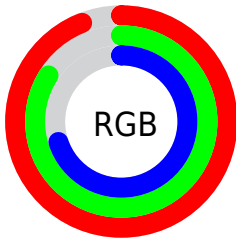
Format	Color
R _Y B	222, 239, 179
Decimal	15718067
CIE Lab	86.85, 3.39, 20.47
CIE LCh	87, 20.746, 80.582
Yxy	69.6985, 0.3567, 0.3668
Android (android.graphics.Color)	4293908147 (0xFFEFD6B3)
YUV	217.4850, -18.9731, 18.8687
Hunter-Lab	83.4856, -1.1801, 21.1351

Details

The XYZ color **67.7799, 69.6985, 52.5286** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.7630, 59.0001, 90.1110**, and the grayscale version is **66.4014, 69.8594, 76.0769**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **35.4554, 36.2477, 24.8665** is the 20% darker color. If you saturate the color by 10%, you get **63.1264, 63.9300, 40.0678**, and if you desaturate by 10%, it is **73.0101, 75.9490, 67.2502**.

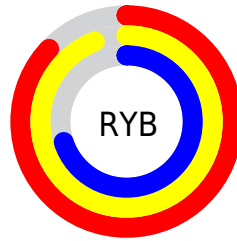
Distribution



Red (94%)

Green (84%)

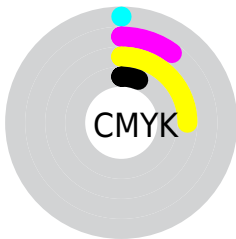
Blue (70%)



Red (87%)

Yellow (94%)

Blue (70%)

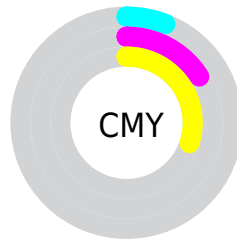


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7799, 69.6985, 52.5286 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 67.7799, 69.6985, 52.5286 by changing the saturation by 10% instead.


 67.7799, 69.6985,
52.5286

 67.7799, 69.6985,
52.5286


442.1048,
459.4907, 413.4888

 49.9917, 51.2808,
37.0414


 115.0809,
118.7787, 95.3449

 35.6246, 36.4321,
24.9435


145.3243,
150.2100, 123.5110

 24.3132, 24.7681,
15.8164


180.4503,
186.7479, 156.7406

 15.6921, 15.9044,
9.2414

220.8241,
228.7768, 195.4522

 9.3960, 9.4565,
4.8000

266.8111,
276.6811, 240.0642

 5.0595, 5.0401,
2.0737

318.7766,

 2.3173, 2.2708,

330.8453, 290.9953

0.6001

377.0861,
391.6537, 348.6640

■ 0.8035, 0.7582,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7799, 69.6985,
52.5286

■ 67.7799, 69.6985,
52.5286

■ 63.1264, 63.9300,
40.0678

■ 73.0101, 75.9490,
67.2502

■ 59.0197, 58.6199,
29.7486

■ 78.8343, 82.6854,
84.3346

■ 55.4354, 53.7564,
21.4475

■ 85.2756, 89.9234,
103.8831

■ 52.3445, 49.3232,
15.0266

■ 89.0353, 96.3477,
108.5121

■ 49.7148, 45.3028,
10.3303

■ 89.4068, 97.0908,
108.6359

■ 47.5089, 41.6752,
7.1775

■ 45.6817, 38.4173,
5.3459

■ 44.8927, 36.9425,
4.7645

Harmonies

Analogous

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



72.3292, 69.6985, 57.1160



67.7799, 69.6985, 52.5286



63.0302, 69.6985, 53.5851

Triad

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



67.7799, 69.6985, 52.5286



57.9152, 69.6985, 85.6444



73.6944, 69.6985, 94.0908

Complementary

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



67.7799, 69.6985, 52.5286



55.7630, 59.0001, 90.1110

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.



69.5701, 69.6985, 103.6570



67.7799, 69.6985, 52.5286



60.5144, 69.6985, 98.3834

Square

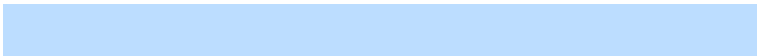
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7799, 69.6985, 52.5286



57.4881, 69.6985, 71.6142



64.7361, 69.6985, 105.3169



75.8518, 69.6985, 80.3324

Rectangle

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



67.7799, 69.6985, 52.5286



60.3782, 69.6985, 57.4044



64.7361, 69.6985, 105.3169



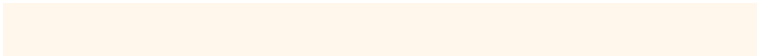
72.4829, 69.6985, 97.9702

Sweetspot

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



67.7817, 69.7017, 52.5301



89.2862, 93.4522, 91.6268



62.6165, 54.9514, 64.4340



18.8899, 19.7480, 18.9605



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.



67.7817, 69.7017, 52.5301



75.7489, 77.3399, 53.3189



72.9355, 82.4807, 54.7250



16.5390, 17.2911, 16.6155



24.9411, 20.6803, 2.6772



2.1729, 1.9164, 0.2554

Inverse Universe

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



55.7630, 59.0001, 90.1110



59.6628, 63.0198, 103.6272



51.4681, 48.6635, 88.3422



15.4383, 16.3107, 20.0562



11.2279, 8.6800, 46.2115



1.0301, 0.9141, 3.8764

Previews

White Background



This preview shows how the XYZ color 67.7799, 69.6985, 52.5286 looks on a white background.

Color Contrast Check

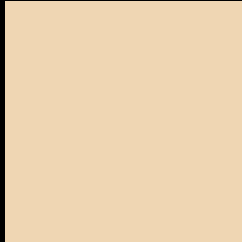
Large Text (above 18pt) WCAG AA × Fail

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 67.7799, 69.6985, 52.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

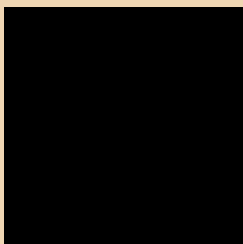
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

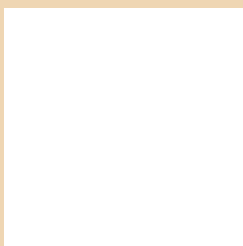
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7799, 69.6985, 52.5286

Background



This preview shows how black text looks on a background with the XYZ color 67.7799, 69.6985, 52.5286.



This preview shows how white text looks on a background with the XYZ color 67.7799, 69.6985,

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

67.7799, 69.6985, 52.5286

Protanopia

65.6842, 69.7440, 53.1800

Deuteranopia

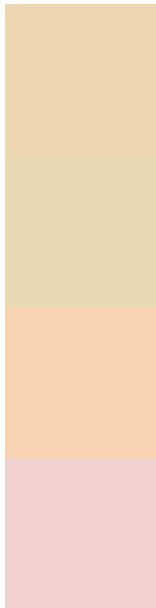
71.1836, 69.5917, 52.8608



Tritanopia

73.3186, 69.7267, 80.1153

Trichromacy



Original Color

67.7799, 69.6985, 52.5286

Protanomaly

66.3984, 69.7307, 53.1398

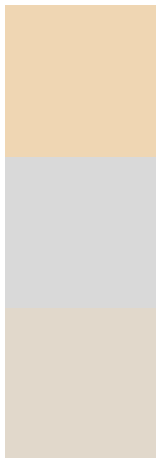
Deuteranomaly

69.8903, 69.6580, 52.9417

Tritanomaly

71.0497, 69.5245, 69.3494

Monochromacy



Original Color

67.7799, 69.6985, 52.5286

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.3867, 69.4311, 66.4025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7799, 69.6985, 52.5286 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(239, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 179)  
}
```

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(239, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 179) }
```

Border

The CSS property to change the border of an element to XYZ 67.7799, 69.6985, 52.5286 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(239, 214, 179) }
```


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

```
.border{ border-color:rgb(239, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7799, 69.6985, 52.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 179) }
```

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

```
.background{ background-color: rgb(239,  
214, 179) }
```

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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