

Converting Colors

XYZ(66.6258, 69.3708, 48.0102)

Have a look what the booklet for
XYZ(66.6258, 69.3708, 48.0102)
contains.

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Color

**XYZ(66.5622, 69.1726,
47.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	EED6AA
RGB	238, 214, 170
RGB Percent	93%, 84%, 67%
CMY	0.0667, 0.1608, 0.3333
CMYK	0.00, 0.10, 0.29, 0.07
HSL	39°, 67%, 80%
HSV	39°, 29%, 93%
XYZ	66.5622, 69.1726, 47.8736
YIQ	216.1600, 28.4280, -8.5960

Conversions

Conversions Part 2

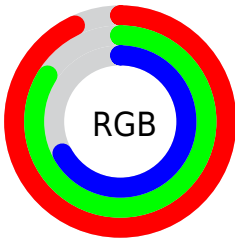
Format	Color
RYB	207, 238, 170
Decimal	15652522
CIELab	86.59, 1.82, 24.80
CIELCh	87, 24.864, 85.799
Yxy	69.1726, 0.3625, 0.3767
Android (android.graphics.Color)	4293842602 (0xFFEED6AA)
YUV	216.1600, -22.7569, 19.1537
Hunter-Lab	83.1701, -2.6915, 24.0911

Details

The XYZ color **66.5622, 69.1726, 47.8736** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3015, 53.3011, 88.4735**, and the grayscale version is **65.5175, 68.9295, 75.0643**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **34.7242, 35.9280, 22.2442** is the 20% darker color. If you saturate the color by 10%, you get **62.4411, 64.2128, 36.3798**, and if you desaturate by 10%, it is **71.2042, 74.5209, 61.5534**.

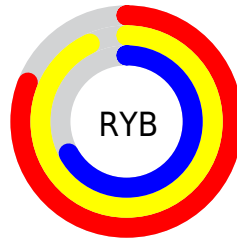
Distribution



Red (93%)

Green (84%)

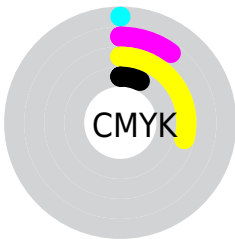
Blue (67%)



Red (81%)

Yellow (93%)

Blue (67%)

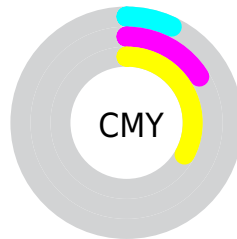


Cyan (0%)

Magenta (10%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5622, 69.1726, 47.8736 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 66.5622, 69.1726, 47.8736 by changing the saturation by 10% instead.

66.5622, 69.1726,
47.8736

66.5622, 69.1726,
47.8736

437.8418,
457.6395, 394.7851

48.9983, 50.8523,
33.3675

113.3461,
118.0281, 88.3798

34.8327, 36.0911,
22.1347

143.2969,
149.3320, 115.2169

23.6999, 24.5045,
13.7567

178.1073,
185.7326, 147.0015

15.2347, 15.7083,
7.8148

218.1427,
227.6143, 184.1521

9.0717, 9.3180,
3.8906

263.7686,
275.3614, 227.0872

4.8454, 4.9492,
1.5655

315.3501,

2.1907, 2.2175,

329.3584, 276.2254

0.2660

373.2527,
389.9896, 331.9852

■ 0.7378, 0.7295,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5622, 69.1726,
47.8736

■ 66.5622, 69.1726,
47.8736

■ 62.4411, 64.2128,
36.3798

■ 71.2042, 74.5209,
61.5534

■ 58.8117, 59.6201,
26.9512

■ 76.3835, 80.2596,
77.5226

■ 55.6502, 55.3846,
19.4620

■ 82.1226, 86.4027,
95.8832

■ 52.9281, 51.4921,
13.7704

■ 86.7542, 92.2856,
107.8482

■ 50.6130, 47.9270,
9.7154

■ 89.0700, 96.9172,
108.6201

■ 48.6672, 44.6713,
7.1066

■ 47.0364, 41.7002,
5.6675

■ 46.8187, 41.2945,
5.5030

Harmonies

Analogous

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



72.1795, 69.1726, 51.9832



66.5622, 69.1726, 47.8736



61.0368, 69.1726, 50.1873

Triad

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



66.5622, 69.1726, 47.8736



56.2584, 69.1726, 90.0038



75.3523, 69.1726, 94.6184

Complementary

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



66.5622, 69.1726, 47.8736



51.3015, 53.3011, 88.4735

Split Complementary

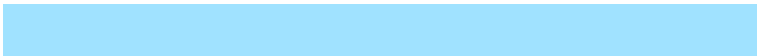
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6924, 69.1726, 107.6854



66.5622, 69.1726, 47.8736



59.7076, 69.1726, 104.7596

Square

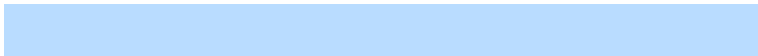
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5622, 69.1726, 47.8736



55.2945, 69.1726, 73.0145



64.9375, 69.1726, 111.6426



77.4390, 69.1726, 77.6678

Rectangle

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



66.5622, 69.1726, 47.8736



58.1119, 69.1726, 55.2726



64.9375, 69.1726, 111.6426



74.0221, 69.1726, 99.7021

Sweetspot

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



66.5640, 69.1758, 47.8750



89.0433, 93.5505, 89.7451



59.4780, 50.8645, 58.2740



18.8619, 19.8083, 18.5926



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.



66.5640, 69.1758, 47.8750



75.1009, 77.6285, 48.2180



70.1225, 80.6988, 49.9117



16.6263, 17.4658, 16.6446



26.2462, 23.2904, 3.1122



2.2766, 2.1239, 0.2900

Inverse Universe

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



51.3015, 53.3011, 88.4735



54.6613, 56.3756, 102.6084



48.4139, 44.5150, 86.9298



15.3536, 16.1412, 20.0280



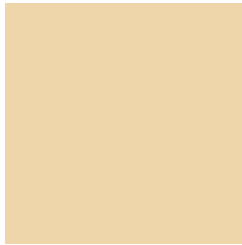
10.4879, 7.2000, 45.9648



0.9628, 0.7796, 3.8540

Previews

White Background



This preview shows how the XYZ color 66.5622, 69.1726, 47.8736 looks on a white background.

Color Contrast Check

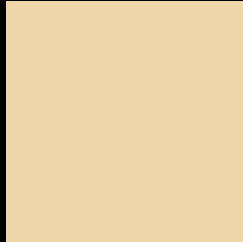
Large Text (above 18pt) WCAG AA × Fail

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 66.5622, 69.1726, 47.8736 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 66.5622, 69.1726, 47.8736

Background



This preview shows how black text looks on a background with the XYZ color 66.5622, 69.1726, 47.8736.



This preview shows how white text looks on a background with the XYZ color 66.5622, 69.1726,

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

66.5622, 69.1726, 47.8736

Protanopia

64.8615, 69.0409, 48.4357

Deuteranopia

70.4146, 68.9347, 48.1226



Tritanopia

72.9403, 69.1865, 79.3220

Trichromacy



Original Color

66.5622, 69.1726, 47.8736

Protanomaly

65.5828, 69.0336, 48.3963

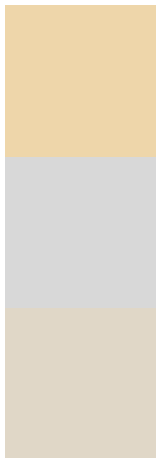
Deuteranomaly

69.1087, 68.9899, 48.2020

Tritanomaly

70.5636, 69.3301, 66.7897

Monochromacy



Original Color

66.5622, 69.1726, 47.8736

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3497, 68.5717, 63.8242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5622, 69.1726, 47.8736 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(238, 214, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 170)  
}
```

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(238, 214, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 170) }
```

Border

The CSS property to change the border of an element to XYZ 66.5622, 69.1726, 47.8736 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(238, 214, 170) }
```


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

```
.border{ border-color:rgb(238, 214, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 214, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 214, 170); box-shadow:4px 4px 4px 4px rgb(238, 214, 170) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5622, 69.1726, 47.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 170) }
```

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

```
.background{ background-color: rgb(238,  
214, 170) }
```

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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