

Converting Colors

XYZ(66.7687, 73.4911, 54.9663)

Have a look what the booklet for
XYZ(66.7687, 73.4911, 54.9663)
contains.

XYZ(66.7327, 73.3966, 54.9057)	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(66.7327, 73.3966,
54.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1B6
RGB	226, 225, 182
RGB Percent	89%, 88%, 71%
CMY	0.1137, 0.1176, 0.2863
CMYK	0.00, 0.00, 0.19, 0.11
HSL	59°, 43%, 80%
HSV	59°, 19%, 89%
XYZ	66.7327, 73.3966, 54.9057
YIQ	220.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

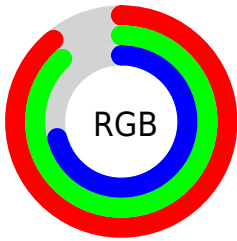
Format	Color
RYB	183, 226, 182
Decimal	14868918
CIELab	88.64, -6.62, 21.22
CIELCh	89, 22.228, 107.337
Yxy	73.3966, 0.3422, 0.3763
Android (android.graphics.Color)	4293058998 (0xFFE2E1B6)
YUV	220.3970, -18.9297, 4.9138
Hunter-Lab	85.6718, -10.8859, 21.9723

Details

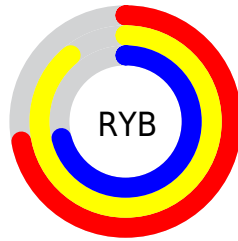
The XYZ color **66.7327, 73.3966, 54.9057** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9521, 49.3018, 78.8352**, and the grayscale version is **68.4276, 71.9912, 78.3984**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **34.9147, 38.8805, 26.4334** is the 20% darker color. If you saturate the color by 10%, you get **64.4460, 72.2637, 43.5356**, and if you desaturate by 10%, it is **69.4007, 74.6876, 68.2643**.

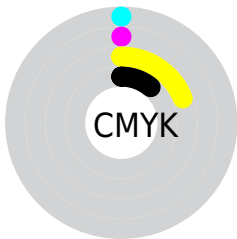
Distribution



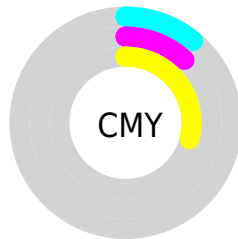
- Red (89%)
- Green (88%)
- Blue (71%)



- Red (72%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7327, 73.3966, 54.9057 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 66.7327, 73.3966, 54.9057 by changing the saturation by 10% instead.

■ 66.7327, 73.3966,
54.9057

■ 66.7327, 73.3966,
54.9057

438.4402,
472.3882, 422.8262

■ 49.1373, 54.3003,
38.9281

■ 113.5892,
124.0401, 98.8725

■ 34.9434, 38.8418,
26.3964

143.5811,
156.3561, 127.6989

■ 23.7856, 26.6367,
16.8920

178.4358,
193.8474, 161.6453

■ 15.2985, 17.3006,
9.9964

218.5188,
236.8985, 201.1302

■ 9.1168, 10.4490,
5.2910

264.1954,
285.8937, 246.5722

■ 4.8752, 5.6977,
2.3573

315.8309,

■ 2.2082, 2.6621,

341.2175, 298.3899

0.7630

373.7907,
403.2542, 357.0017

■ 0.7471, 0.9580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7327, 73.3966,
54.9057

■ 66.7327, 73.3966,
54.9057

■ 64.4460, 72.2637,
43.5356

■ 69.4007, 74.6876,
68.2643

■ 62.5167, 71.2720,
34.0543

■ 72.4610, 76.1337,
83.6954

■ 60.9272, 70.4169,
26.3605

■ 75.9314, 77.7445,
101.2839

■ 59.6562, 69.6898,
20.3414

■ 76.8967, 78.3540,
105.6787

■ 58.6797, 69.0812,
15.8717

■ 77.0367, 78.6339,
105.7253

■ 57.9707, 68.5802,
12.8084

■ 77.1771, 78.9147,
105.7721

■ 57.4970, 68.1741,
10.9819

■ 77.3179, 79.1963,
105.8191

■ 57.2058, 67.8415,
10.1142

■ 77.4591, 79.4788,
105.8661

■ 57.1920, 67.8245,
10.0771

■ 77.6008, 79.7621,
105.9134

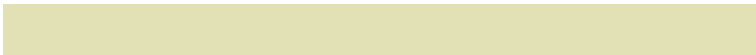
Harmonies

Analogous

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



72.0469, 73.3966, 54.4217



66.7327, 73.3966, 54.9057



62.4483, 73.3966, 61.5232

Triad

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



66.7327, 73.3966, 54.9057



63.0023, 73.3966, 103.6653



80.3162, 73.3966, 86.5684

Complementary

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



66.7327, 73.3966, 54.9057



49.9521, 49.3018, 78.8352

Split Complementary

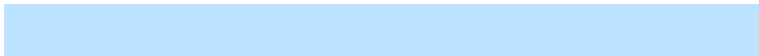
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6239, 73.3966, 101.6526



66.7327, 73.3966, 54.9057



67.5245, 73.3966, 112.3402

Square

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



66.7327, 73.3966, 54.9057



60.3716, 73.3966, 89.0458



72.8801, 73.3966, 111.5596



80.0773, 73.3966, 71.4334

Rectangle

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



66.7327, 73.3966, 54.9057



60.6698, 73.3966, 69.0664



72.8801, 73.3966, 111.5596



79.7184, 73.3966, 91.8471

Sweetspot

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



66.7346, 73.3999, 54.9073



92.5734, 98.8330, 96.4021



56.6886, 53.0639, 52.3104



19.7593, 21.1281, 20.3559



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.



66.7346, 73.3999, 54.9073



86.5822, 95.9385, 66.3883



60.9462, 70.8162, 54.7136



14.8438, 15.9736, 14.6076



32.6405, 38.7189, 5.7532



2.2710, 2.7009, 0.4016

Inverse Universe

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



49.9521, 49.3018, 78.8352



61.0262, 59.2429, 102.8263



54.9579, 51.5789, 79.0109



12.9768, 13.2927, 17.2695



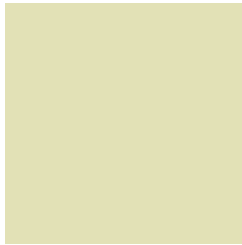
7.8747, 3.2190, 41.2546



0.5547, 0.2409, 2.8625

Previews

White Background



This preview shows how the XYZ color 66.7327, 73.3966, 54.9057 looks on a white background.

Color Contrast Check

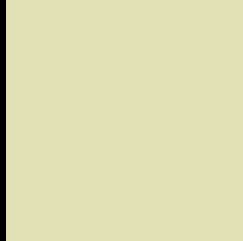
Large Text (above 18pt) WCAG AA × Fail

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 66.7327, 73.3966, 54.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

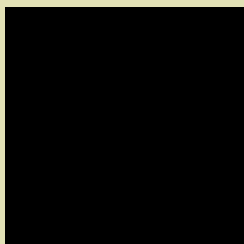
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

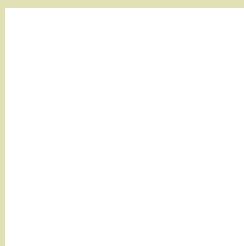
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7327, 73.3966, 54.9057

Background



This preview shows how black text looks on a background with the XYZ color 66.7327, 73.3966, 54.9057.



This preview shows how white text looks on a background with the XYZ color 66.7327, 73.3966,

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

66.7327, 73.3966, 54.9057

Protanopia

69.0538, 73.4116, 54.2464

Deuteranopia

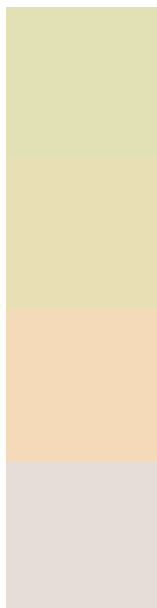
74.2562, 72.9410, 57.1790



Tritanopia

73.6711, 73.4646, 88.8945

Trichromacy



Original Color

66.7327, 73.3966, 54.9057

Protanomaly

68.0069, 73.2674, 54.2737

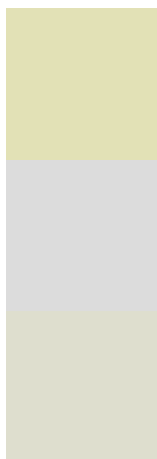
Deuteranomaly

71.1366, 72.8787, 56.2166

Tritanomaly

70.8842, 73.4938, 75.4155

Monochromacy



Original Color

66.7327, 73.3966, 54.9057

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3861, 72.2284, 68.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7327, 73.3966, 54.9057 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(226, 225, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 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(226, 225, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 182) }
```

Border

The CSS property to change the border of an element to XYZ 66.7327, 73.3966, 54.9057 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(226, 225, 182) }
```


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

```
.border{ border-color:rgb(226, 225, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 225, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 225, 182); box-shadow:4px 4px 4px 4px rgb(226, 225, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7327, 73.3966, 54.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 182) }
```

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

```
.background{ background-color: rgb(226,  
225, 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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