

Converting Colors

XYZ(67.5344, 73.5865, 86.9894)

Have a look what the booklet for
XYZ(67.5344, 73.5865, 86.9894)
contains.

XYZ(67.4940, 73.4843, 86.9705)	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(67.4940, 73.4843,
86.9705)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE2E8
RGB	207, 226, 232
RGB Percent	81%, 89%, 91%
CMY	0.1882, 0.1137, 0.0902
CMYK	0.11, 0.03, 0.00, 0.09
HSL	194°, 35%, 86%
HSV	194°, 11%, 91%
XYZ	67.4940, 73.4843, 86.9705
YIQ	221.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

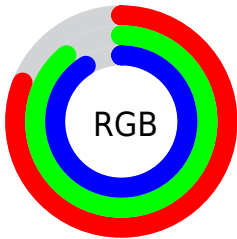
Format	Color
R_{YB}	207, 218, 232
Decimal	13624040
CIE _{Lab}	88.68, -5.12, -5.09
CIE _{LCh}	89, 7.217, 224.819
Yxy	73.4843, 0.2961, 0.3224
Android (android.graphics.Color)	4291814120 (0xFFCFE2E8)
YUV	221.0030, 5.4215, -12.2806
Hunter-Lab	85.7230, -9.4732, -0.1468

Details

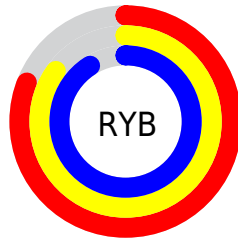
The XYZ color **67.4940, 73.4843, 86.9705** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3359, 69.2490, 68.7976**, and the grayscale version is **68.7009, 72.2787, 78.7115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5363, 39.0327, 46.7354** is the 20% darker color. If you saturate the color by 10%, you get **59.9943, 67.4098, 86.1944**, and if you desaturate by 10%, it is **75.9995, 80.1542, 87.8108**.

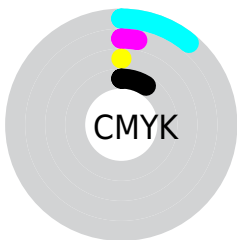
Distribution



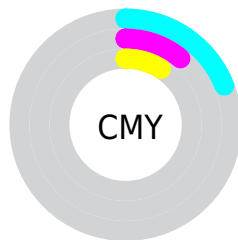
- Red (81%)
- Green (89%)
- Blue (91%)



- Red (81%)
- Yellow (85%)
- Blue (91%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4940, 73.4843, 86.9705 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 67.4940, 73.4843, 86.9705 by changing the saturation by 10% instead.

■ 67.4940, 73.4843,
86.9705

■ 67.4940, 73.4843,
86.9705

441.1060,
472.6916, 538.4396

■ 49.7584, 54.3721,
64.9113

114.6739,
124.1645, 145.0215

■ 35.4385, 38.8992,
46.9383

144.8488,
156.5012, 181.8504

■ 24.1689, 26.6813,
32.6329

179.9009,
194.0149, 224.4397

■ 15.5844, 17.3340,
21.5765

220.1955,
237.0900, 273.2078

■ 9.3195, 10.4729,
13.3507

266.0980,
286.1108, 328.5733

■ 5.0089, 5.7136,
7.5370

317.9736,

■ 2.2873, 2.6717,

341.4617, 390.9547

3.7166

376.1879,
403.5272, 460.7707

■ 0.7882, 0.9629,
1.4712

■ 0.0000, 0.0000,
0.1963

■ 67.4940, 73.4843,
86.9705

■ 67.4940, 73.4843,
86.9705

■ 59.9943, 67.4098,
86.1944

■ 75.9995, 80.1542,
87.8108

■ 53.4521, 61.8992,
85.4756

■ 85.5437, 87.4311,
88.7123

■ 47.8248, 56.9318,
84.8134

■ 87.7666, 91.0081,
89.2856

■ 43.0636, 52.4817,
84.2054

■ 89.4547, 94.3842,
89.8483

■ 39.1154, 48.5209,
83.6489

■ 91.1936, 97.8621,
90.4279

■ 35.9207, 45.0179,
83.1412

■ 91.5657, 98.6063,
90.5520

■ 33.4113, 41.9369,
82.6787

■ 31.5061, 39.2353,
82.2577

■ 30.1600, 37.0148,
81.9001

Harmonies

Analogous

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



66.6542, 73.4843, 82.4922



67.4940, 73.4843, 86.9705



68.9706, 73.4843, 89.6381

Triad

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



67.4940, 73.4843, 86.9705



73.1296, 73.4843, 82.5520



68.9909, 73.4843, 71.0863

Complementary

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



67.4940, 73.4843, 86.9705



68.3359, 69.2490, 68.7976

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.



70.7260, 73.4843, 71.1008



67.4940, 73.4843, 86.9705



73.1352, 73.4843, 77.5818

Square

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



67.4940, 73.4843, 86.9705



72.2339, 73.4843, 87.0159



72.2492, 73.4843, 73.4348



67.5086, 73.4843, 73.3943

Rectangle

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



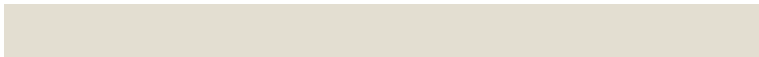
67.4940, 73.4843, 86.9705



70.1266, 73.4843, 89.9633



72.2492, 73.4843, 73.4348



69.5634, 73.4843, 70.8229

Sweetspot

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



67.4961, 73.4874, 86.9721



91.7087, 97.4126, 108.5767



66.5791, 75.7755, 73.9583



19.4425, 20.7048, 23.2216



0.0000, 0.0000, 0.0000



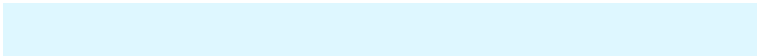
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4961, 73.4874, 86.9721



81.4038, 89.2770, 107.5495



64.2612, 67.0176, 85.8938



14.4992, 15.7197, 18.4143



16.8458, 20.7536, 45.5012



1.3154, 1.6748, 3.3859

Inverse Universe

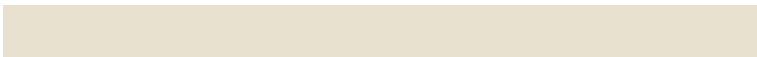
The Inverse Universe completely reimagines the original color for something new.



69.3207, 67.2740, 81.2866



84.1174, 80.1413, 99.0701



71.5578, 75.6929, 69.8716



14.8395, 14.5530, 17.3554



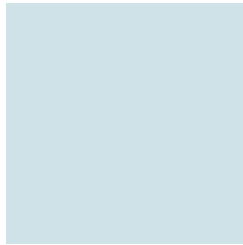
22.8965, 11.2928, 24.1476



1.7276, 0.8487, 1.9720

Previews

White Background



This preview shows how the XYZ color 67.4940, 73.4843, 86.9705 looks on a white background.

Color Contrast Check

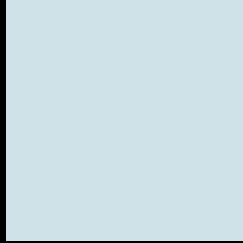
Large Text (above 18pt) WCAG AA × Fail

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 67.4940, 73.4843, 86.9705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

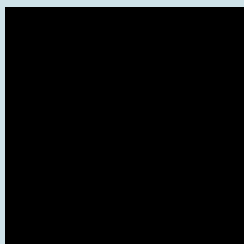
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

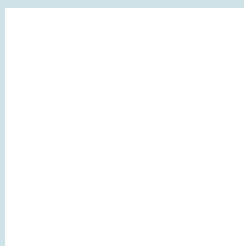
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4940, 73.4843, 86.9705

Background



This preview shows how black text looks on a background with the XYZ color 67.4940, 73.4843, 86.9705.



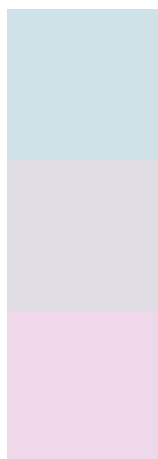
This preview shows how white text looks on a background with the XYZ color 67.4940, 73.4843,

86.9705.

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



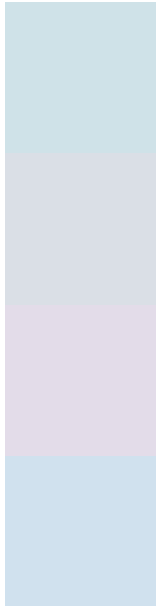
Original Color
67.4940, 73.4843, 86.9705
Protanopia
70.7398, 73.2173, 84.5327
Deuteranopia
75.0038, 73.4030, 88.0570



Tritanopia

68.9772, 73.2774, 94.5129

Trichromacy



Original Color

67.4940, 73.4843, 86.9705

Protanomaly

69.5840, 73.3939, 85.3619

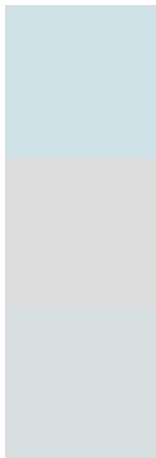
Deuteranomaly

71.9797, 73.4005, 87.4648

Tritanomaly

68.3703, 73.4334, 91.4595

Monochromacy



Original Color

67.4940, 73.4843, 86.9705

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2972, 72.8105, 81.6884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4940, 73.4843, 86.9705 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(207, 226, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 232)  
}
```

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(207, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 67.4940, 73.4843, 86.9705 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(207, 226, 232) }
```


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

```
.border{ border-color:rgb(207, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4940, 73.4843, 86.9705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 232) }
```

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

```
.background{ background-color: rgb(207,  
226, 232) }
```

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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