

Converting Colors

XYZ(92.7420, 110.7192,
63.2060)

Have a look what the booklet for
XYZ(92.7420, 110.7192, 63.2060)
contains.

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Color

**XYZ(85.4960, 96.1360,
60.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFBA
RGB	254, 255, 186
RGB Percent	100%, 100%, 73%
CMY	0.0039, 0.0000, 0.2706
CMYK	0.00, 0.00, 0.27, 0.00
HSL	61°, 100%, 86%
HSV	61°, 27%, 100%
XYZ	85.4960, 96.1360, 60.5044
YIQ	246.8350, 21.5530, -21.6710

Conversions

Conversions Part 2

Format	Color
RYB	186, 255, 187
Decimal	16711610
CIELab	98.49, -10.82, 32.96
CIELCh	98, 34.693, 108.168
Yxy	96.1360, 0.3531, 0.3970
Android (android.graphics.Color)	4294901690 (0xFFFEFFBA)
YUV	246.8350, -29.9917, 6.2837
Hunter-Lab	98.0490, -15.9386, 32.0474

Details

The XYZ color **85.4960, 96.1360, 60.5044** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.1034, 52.9039, 101.8622**, and the grayscale version is **88.4968, 93.1055, 101.3919**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **47.3849, 53.9244, 29.7408** is the 20% darker color. If you saturate the color by 10%, you get **82.8874, 95.0770, 47.4717**, and if you desaturate by 10%, it is **88.5895, 97.3891, 76.0876**.

Distribution



- Red (100%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4960, 96.1360, 60.5044 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 85.4960, 96.1360, 60.5044 by changing the saturation by 10% instead.

 85.4960, 96.1360,
60.5044

 85.4960, 96.1360,
60.5044


501.7269,
547.7954, 444.3106

 64.5752, 73.0808,
43.3974


 139.9764,
155.8331, 107.1115

 47.3801, 54.0421,
29.8633


174.2667,
193.2438, 137.4487

 33.5454, 38.6353,
19.4837


213.7442,
236.2085, 173.0331

 22.7058, 26.4761,
11.8400

258.7742,
285.1116, 214.2831

 14.4960, 17.1802,
6.5136

309.7221,
340.3374, 261.6173

 8.5504, 10.3630,
3.0860

366.9533,

 4.5039, 5.6403,

402.2704, 315.4543

1.1387

430.8331,
471.2949, 376.2125

■ 1.9909, 2.6276,
0.0000

■ 0.6289, 0.9406,
0.0000

■ 85.4960, 96.1360,
60.5044

■ 85.4960, 96.1360,
60.5044

■ 82.8874, 95.0770,
47.4717

■ 88.5895, 97.3891,
76.0876

■ 80.7367, 94.2011,
36.8499

■ 92.1906, 98.8452,
94.3427

■ 79.0162, 93.4974,
28.4924

95.0500, 100.0000,
108.9000

■ 77.6948, 92.9533,
22.2348

■ 76.7370, 92.5547,
17.8907

■ 76.1012, 92.2849,
15.2408

■ 75.7342, 92.1227,
14.0053

■ 75.6539, 92.0861,
13.7870

Harmonies

Analogous

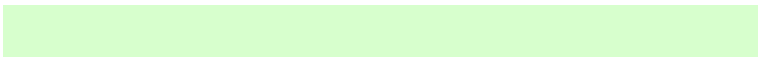
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3830, 96.1360, 59.4153



85.4960, 96.1360, 60.5044



77.7539, 96.1360, 72.0115

Triad

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



85.4960, 96.1360, 60.5044



79.1144, 96.1360, 151.4213



111.5645, 96.1360, 116.4051

Complementary

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



85.4960, 96.1360, 60.5044



56.1034, 52.9039, 101.8622

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.



106.4993, 96.1360, 145.9701



85.4960, 96.1360, 60.5044



87.4796, 96.1360, 168.5219

Square

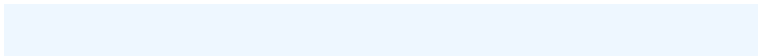
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4960, 96.1360, 60.5044



74.2593, 96.1360, 122.8459



97.5162, 96.1360, 166.3622



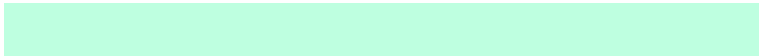
110.9358, 96.1360, 88.3919

Rectangle

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



85.4960, 96.1360, 60.5044



74.6268, 96.1360, 85.4629



97.5162, 96.1360, 166.3622



110.4569, 96.1360, 126.5718

Sweetspot

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



85.4964, 96.1362, 60.5057



91.8290, 98.6991, 92.5055



67.6626, 59.9241, 54.4561



19.5337, 21.0766, 19.1830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

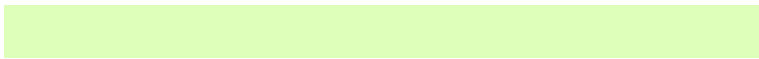
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4964, 96.1362, 60.5057



84.1480, 95.5891, 53.7539



74.2903, 90.3592, 59.9813



19.5337, 21.0766, 19.1830



39.5427, 48.1231, 7.2046



3.8582, 4.6897, 0.7019

Inverse Universe

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



56.1034, 52.9039, 101.8622



50.6559, 46.3265, 100.8798



65.2766, 57.6328, 102.2915



17.0274, 17.3903, 22.7092



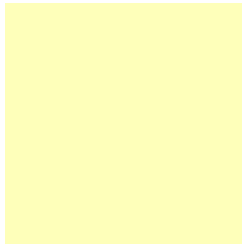
9.4662, 3.7905, 49.6673



0.9299, 0.3733, 4.8363

Previews

White Background



This preview shows how the XYZ color 85.4960, 96.1360, 60.5044 looks on a white background.

Color Contrast Check

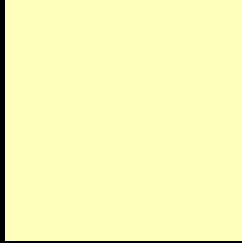
Large Text (above 18pt) WCAG AA × Fail

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 85.4960, 96.1360, 60.5044 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

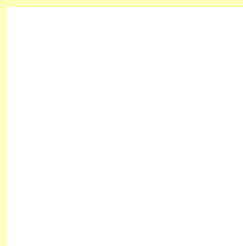
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4960, 96.1360, 60.5044

Background



This preview shows how black text looks on a background with the XYZ color 85.4960, 96.1360, 60.5044.

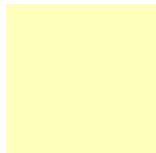


This preview shows how white text looks on a background with the XYZ color 85.4960, 96.1360,

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

85.4960, 96.1360, 60.5044



Protanopia

91.0232, 96.3688, 93.9244

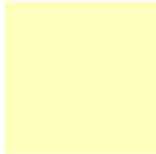
Deuteranopia

92.0602, 96.2850, 100.9216

Tritanopia

93.1657, 96.2314, 108.2719

Trichromacy



Original Color

85.4960, 96.1360, 60.5044



Protanomaly

88.7053, 95.9428, 80.1732



Deuteranomaly

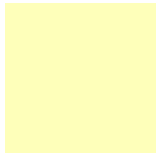
89.5049, 96.2626, 84.3841



Tritanomaly

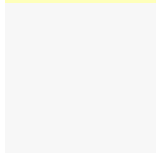
90.0201, 95.9675, 88.6419

Monochromacy



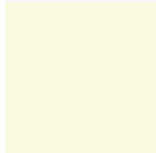
Original Color

85.4960, 96.1360, 60.5044



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.2006, 94.1315, 84.8074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4960, 96.1360, 60.5044 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(254, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 186)  
}
```

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(254, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 85.4960, 96.1360, 60.5044 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(254, 255, 186) }
```


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

```
.border{ border-color:rgb(254, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4960, 96.1360, 60.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 186) }
```

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

```
.background{ background-color: rgb(254,  
255, 186) }
```

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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