

Converting Colors

XYZ(53.4846, 64.5631, 43.7642)

Have a look what the booklet for
XYZ(53.4846, 64.5631, 43.7642)
contains.

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Color

**XYZ(53.3390, 64.3480,
43.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDBA2
RGB	191, 219, 162
RGB Percent	75%, 86%, 64%
CMY	0.2510, 0.1412, 0.3647
CMYK	0.13, 0.00, 0.26, 0.14
HSL	89°, 44%, 75%
HSV	89°, 26%, 86%
XYZ	53.3390, 64.3480, 43.7916
YIQ	204.1300, 1.6090, -23.6630

Conversions

Conversions Part 2

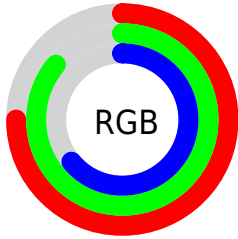
Format	Color
R_{YB}	162, 219, 190
Decimal	12573602
CIE _{Lab}	84.15, -19.25, 25.04
CIE _{LCh}	84, 31.580, 127.552
Yxy	64.3480, 0.3303, 0.3985
Android (android.graphics.Color)	4290763682 (0xFFBFDBA2)
YUV	204.1300, -20.7701, -11.5150
Hunter-Lab	80.2172, -21.6897, 23.7849

Details

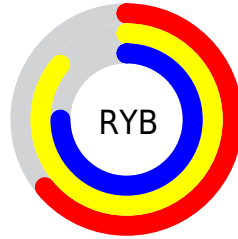
The XYZ color **53.3390, 64.3480, 43.7916** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.9443, 41.9041, 72.6353**, and the grayscale version is **57.6047, 60.6046, 65.9984**.

A 20% lighter version of the original color is **86.9958, 96.4862, 79.6842**, and **26.4065, 32.9951, 19.7288** is the 20% darker color. If you saturate the color by 10%, you get **48.9527, 62.2944, 34.2942**, and if you desaturate by 10%, it is **58.2666, 66.6453, 55.0867**.

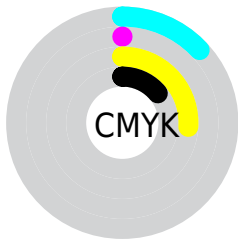
Distribution



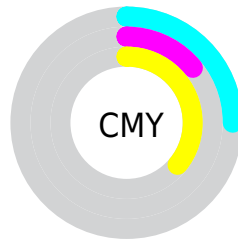
- Red (75%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3390, 64.3480, 43.7916 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 53.3390, 64.3480, 43.7916 by changing the saturation by 10% instead.

■ 53.3390, 64.3480,
43.7916

■ 53.3390, 64.3480,
43.7916

389.8240,
440.4453, 377.8736

■ 38.3020, 46.9326,
30.1707

■ 94.2656, 111.1120,
82.2032

■ 26.3955, 32.9824,
19.7151

■ 120.8860,
141.2293, 107.8310

■ 17.2539, 22.1129,
12.0061

152.0981,
176.3494, 138.2981

■ 10.5121, 13.9399,
6.6252

188.2675,
216.8567, 174.0232

■ 5.8047, 8.0789,
3.1540

229.7594,
263.1355, 215.4248

■ 2.7662, 4.1455,
1.1738

276.9392,

■ 1.0314, 1.7553,

315.5703, 262.9213

0.0000

330.1723,
374.5454, 316.9314

0.0000, 0.4591,
0.0000

0.0000, 0.0000,
0.0000

53.3390, 64.3480,
43.7916

53.3390, 64.3480,
43.7916

48.9527, 62.2944,
34.2942

58.2666, 66.6453,
55.0867

45.0807, 60.4669,
26.4975


63.7508, 69.1866,
68.2615


41.7013, 58.8584,
20.3020


69.8125, 71.9828,
83.3978


38.7887, 57.4580,
15.5956


76.4701, 75.0417,
100.5714


 36.3142, 56.2538,
12.2522

 80.9681, 77.2615,
105.2532

 34.2450, 55.2320,
10.1248

 84.6228, 79.1456,
105.4243

 32.5414, 54.3763,
9.0304

 31.9405, 54.0720,
8.7535

Harmonies

Analogous

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



59.4137, 64.3480, 38.4461



53.3390, 64.3480, 43.7916



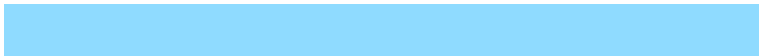
49.5746, 64.3480, 56.3857

Triad

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



53.3390, 64.3480, 43.7916



56.1770, 64.3480, 111.9388



75.4562, 64.3480, 65.1323

Complementary

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



53.3390, 64.3480, 43.7916



46.9443, 41.9041, 72.6353

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.



74.4248, 64.3480, 85.7929



53.3390, 64.3480, 43.7916



62.9419, 64.3480, 115.5015

Square

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



53.3390, 64.3480, 43.7916



51.1240, 64.3480, 96.2033



69.7123, 64.3480, 105.1753



72.4321, 64.3480, 49.1484

Rectangle

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



53.3390, 64.3480, 43.7916



48.7061, 64.3480, 68.4345



69.7123, 64.3480, 105.1753



75.5761, 64.3480, 71.7192

Sweetspot

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



53.3407, 64.3508, 43.7930



88.3462, 96.9036, 92.3425



54.0536, 54.3033, 41.8161



18.6526, 20.6223, 19.1417



0.0000, 0.0000, 0.0000



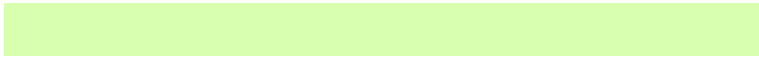
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3407, 64.3508, 43.7930



71.9591, 89.2767, 54.4878



46.9490, 61.0558, 43.4939



13.5149, 14.9302, 13.8951



19.0651, 32.1259, 5.1961



1.3345, 2.1325, 0.3413

Inverse Universe

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



46.9443, 41.9041, 72.6353



61.5268, 52.6656, 101.5304



54.6374, 45.8700, 72.9953



12.9448, 12.9296, 16.4655



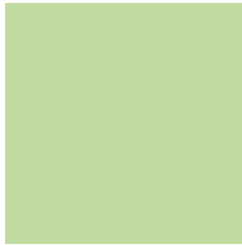
11.3449, 4.9727, 40.1003



0.8343, 0.3734, 2.6025

Previews

White Background



This preview shows how the XYZ color 53.3390, 64.3480, 43.7916 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 53.3390, 64.3480, 43.7916 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

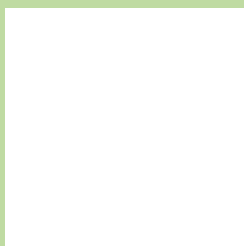
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3390, 64.3480, 43.7916

Background



This preview shows how black text looks on a background with the XYZ color 53.3390, 64.3480, 43.7916.



This preview shows how white text looks on a background with the XYZ color 53.3390, 64.3480,

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

53.3390, 64.3480, 43.7916

Protanopia

59.7125, 63.9168, 41.5378

Deuteranopia

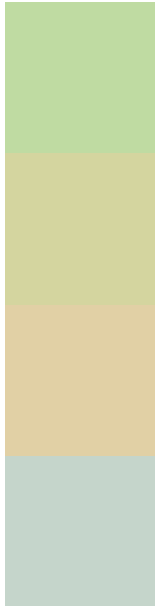
65.4258, 63.9389, 44.9695



Tritanopia

60.9991, 64.0567, 81.8222

Trichromacy



Original Color

53.3390, 64.3480, 43.7916

Protanomaly

57.2036, 64.0888, 42.1563

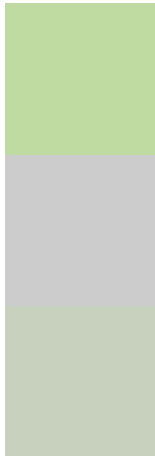
Deuteranomaly

60.3987, 63.8359, 44.7355

Tritanomaly

57.5997, 63.7706, 65.7730

Monochromacy



Original Color

53.3390, 64.3480, 43.7916

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5390, 61.4172, 57.0716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3390, 64.3480, 43.7916 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(191, 219, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 162)  
}
```

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(191, 219, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.3390, 64.3480, 43.7916 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(191, 219, 162) }
```


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

```
.border{ border-color:rgb(191, 219, 162) }
```

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

Here you see how a box with a 4 pixel rgb(191, 219, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3390, 64.3480, 43.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 162) }
```

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

```
.background{ background-color: rgb(191,  
219, 162) }
```

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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