

Converting Colors

XYZ(56.2757, 65.4336, 40.8223)

Have a look what the booklet for
XYZ(56.2757, 65.4336, 40.8223)
contains.

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Color

**XYZ(56.4414, 65.6312,
40.7037)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDA9B
RGB	206, 218, 155
RGB Percent	81%, 85%, 61%
CMY	0.1922, 0.1451, 0.3921
CMYK	0.06, 0.00, 0.29, 0.15
HSL	71°, 46%, 73%
HSV	71°, 29%, 85%
XYZ	56.4414, 65.6312, 40.7037
YIQ	207.2300, 13.0710, -22.1370

Conversions

Conversions Part 2

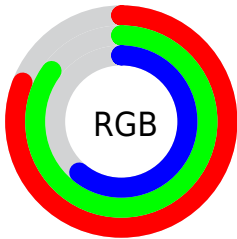
Format	Color
RYB	155, 218, 167
Decimal	13556379
CIELab	84.81, -14.25, 29.73
CIELCh	85, 32.971, 115.611
Yxy	65.6312, 0.3467, 0.4032
Android (android.graphics.Color)	4291746459 (0xFFCEDA9B)
YUV	207.2300, -25.7494, -1.0787
Hunter-Lab	81.0131, -17.4129, 26.9199

Details

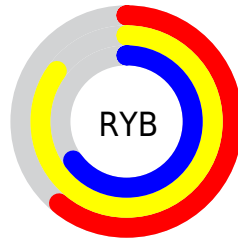
The XYZ color **56.4414, 65.6312, 40.7037** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3152, 36.7220, 71.2966**, and the grayscale version is **59.6128, 62.7174, 68.2992**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **28.3079, 33.7530, 17.8550** is the 20% darker color. If you saturate the color by 10%, you get **53.6359, 64.3798, 31.8630**, and if you desaturate by 10%, it is **59.6113, 67.0364, 51.2894**.

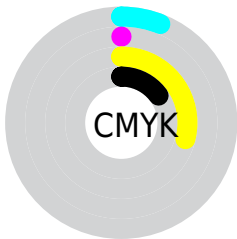
Distribution



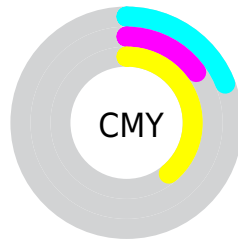
- Red (81%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)





- Cyan (19%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4414, 65.6312, 40.7037 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 56.4414, 65.6312, 40.7037 by changing the saturation by 10% instead.


 56.4414, 65.6312,
40.7037


 56.4414, 65.6312,
40.7037


401.4009,
445.0568, 364.7206

 40.7953, 47.9731,
27.7697


 98.7857, 112.9568,
77.4827

 28.3461, 33.8056,
17.9146


 126.2147,
143.3932, 102.1647

 18.7285, 22.7443,
10.7199


158.3020,
178.8577, 131.5998

 11.5771, 14.4048,
5.7670

195.4130,
219.7347, 166.2066

 6.5266, 8.4027,
2.6374

237.9130,
266.4088, 206.4035

 3.2115, 4.3537,
0.9117

286.1674,

 1.2666, 1.8733,

319.2642, 252.6091

0.0000

340.5416,
378.6854, 305.2420

■ 0.1580, 0.5323,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4414, 65.6312,
40.7037

■ 56.4414, 65.6312,
40.7037

■ 53.6359, 64.3798,
31.8630

■ 59.6113, 67.0364,
51.2894

■ 51.1718, 63.2662,
24.6695

■ 63.1573, 68.5933,
63.7027

■ 49.0311, 62.2853,
19.0220

■ 67.0966, 70.3112,
78.0259

■ 47.1918, 61.4286,
14.8065

■ 71.4439, 72.1958,
94.3351

■ 45.6291, 60.6858,
11.8933

■ 74.7290, 73.6592,
104.8868

■ 44.3136, 60.0454,
10.1294

■ 76.0535, 74.3420,
104.9487

■ 43.1996, 59.4888,
9.2745

■ 77.4097, 75.0412,
105.0122

■ 43.0826, 59.4300,
9.2005

■ 78.7980, 75.7569,
105.0772

■ 80.2186, 76.4892,
105.1437

Harmonies

Analogous

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



63.4736, 65.6312, 38.0978



56.4414, 65.6312, 40.7037



51.3805, 65.6312, 50.8642

Triad

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



56.4414, 65.6312, 40.7037



54.6988, 65.6312, 110.5500



77.6375, 65.6312, 74.6191

Complementary

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



56.4414, 65.6312, 40.7037



40.3152, 36.7220, 71.2966

Split Complementary

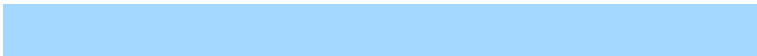
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8481, 65.6312, 96.9806



56.4414, 65.6312, 40.7037



61.3000, 65.6312, 120.1642

Square

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



56.4414, 65.6312, 40.7037



50.4315, 65.6312, 90.5215



68.7222, 65.6312, 114.7657



76.0819, 65.6312, 55.2839

Rectangle

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



56.4414, 65.6312, 40.7037



49.6118, 65.6312, 61.8237



68.7222, 65.6312, 114.7657



77.1712, 65.6312, 82.0517

Sweetspot

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



56.4431, 65.6341, 40.7051



89.9820, 97.7890, 90.5138



48.5686, 44.7468, 37.0885



19.0939, 20.8582, 18.7830



0.0000, 0.0000, 0.0000



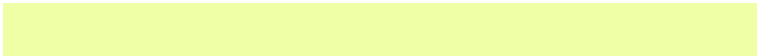
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4431, 65.6341, 40.7051



77.8778, 92.4400, 49.6944



48.6581, 61.6208, 40.3408



13.9064, 15.1320, 13.9134



25.8962, 35.6475, 5.5158



1.7416, 2.3424, 0.3603

Inverse Universe

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



40.3152, 36.7220, 71.2966



51.1114, 44.4391, 100.4915



47.6804, 40.5188, 71.6413



12.5691, 12.7360, 16.4480



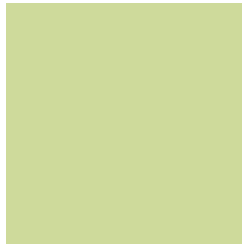
8.2101, 3.3567, 39.9536



0.6007, 0.2529, 2.5916

Previews

White Background



This preview shows how the XYZ color 56.4414, 65.6312, 40.7037 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 56.4414, 65.6312, 40.7037 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 56.4414, 65.6312, 40.7037

Background



This preview shows how black text looks on a background with the XYZ color 56.4414, 65.6312, 40.7037.



This preview shows how white text looks on a background with the XYZ color 56.4414, 65.6312,

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

56.4414, 65.6312, 40.7037

Protanopia

60.9567, 65.3495, 39.1067

Deuteranopia

66.5944, 65.3202, 41.4459



Tritanopia

64.4154, 65.4842, 80.4788

Trichromacy



Original Color

56.4414, 65.6312, 40.7037

Protanomaly

59.3115, 65.6087, 39.6747

Deuteranomaly

62.2460, 64.8697, 41.1387

Tritanomaly

61.1202, 65.2541, 64.0175

Monochromacy



Original Color

56.4414, 65.6312, 40.7037

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1035, 63.4848, 56.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4414, 65.6312, 40.7037 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(206, 218, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 218, 155)  
}
```

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(206, 218, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 218, 155) }
```

Border

The CSS property to change the border of an element to XYZ 56.4414, 65.6312, 40.7037 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(206, 218, 155) }
```


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

```
.border{ border-color:rgb(206, 218, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 218, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 218, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 218, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 218,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4414, 65.6312, 40.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 218, 155) }
```

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

```
.background{ background-color: rgb(206,  
218, 155) }
```

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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