

Converting Colors

XYZ(34.5625, 44.2444, 42.4676)

Have a look what the booklet for
XYZ(34.5625, 44.2444, 42.4676)
contains.

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Color

**XYZ(34.5651, 44.3688,
42.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	83BEA5
RGB	131, 190, 165
RGB Percent	51%, 75%, 65%
CMY	0.4863, 0.2549, 0.3529
CMYK	0.31, 0.00, 0.13, 0.25
HSL	155°, 31%, 63%
HSV	155°, 31%, 75%
XYZ	34.5651, 44.3688, 42.3396
YIQ	169.5090, -27.1390, -20.2830

Conversions

Conversions Part 2

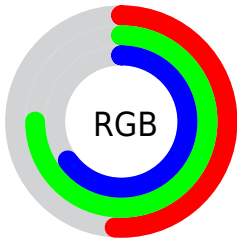
Format	Color
RYB	131, 168, 190
Decimal	8634021
CIELab	72.47, -24.46, 6.56
CIELCh	72, 25.328, 164.984
Yxy	44.3688, 0.2850, 0.3659
Android (android.graphics.Color)	4286824101 (0xFF83BEA5)
YUV	169.5090, -2.2229, -33.7724
Hunter-Lab	66.6099, -23.9404, 8.9401

Details

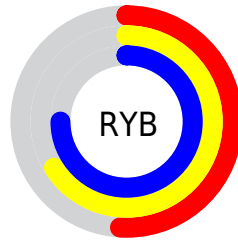
The XYZ color **34.5651, 44.3688, 42.3396** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3538, 29.5813, 35.3008**, and the grayscale version is **37.9856, 39.9638, 43.5206**.

A 20% lighter version of the original color is **66.1866, 82.0031, 80.0499**, and **15.0092, 20.4628, 18.7814** is the 20% darker color. If you saturate the color by 10%, you get **31.1781, 42.7060, 38.4758**, and if you desaturate by 10%, it is **38.5404, 46.3319, 46.4737**.

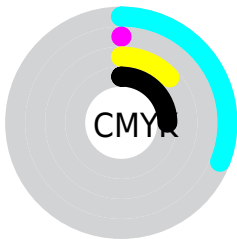
Distribution



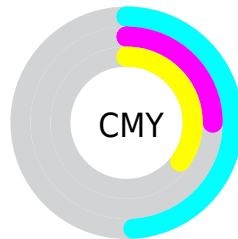
- Red (51%)
- Green (75%)
- Blue (65%)



- Red (51%)
- Yellow (66%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (49%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5651, 44.3688, 42.3396 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 34.5651, 44.3688, 42.3396 by changing the saturation by 10% instead.


 34.5651, 44.3688,
42.3396


 34.5651, 44.3688,
42.3396


314.1863,
364.2111, 371.7299


 23.4930, 30.9605,
29.0397


 66.1500, 81.7724,
79.9890

 15.0807, 20.5688,
18.8651

 87.3934, 106.5366,
105.1756

 8.9627, 12.8092,
11.3970


 112.7581,
135.8548, 135.1615

 4.7738, 7.2973,
6.2170

142.6092,
170.1115, 170.3653

 2.1485, 3.6487,
2.9066

177.3123,
209.6911, 211.2055

 0.7154, 1.4791,
1.0471

217.2326,

 0.0000, 0.2739,

254.9780, 258.1006

0.0000

262.7355,
306.3565, 311.4692

■ 0.0000, 0.0000,
0.0000

■ 34.5651, 44.3688,
42.3396

■ 34.5651, 44.3688,
42.3396

■ 31.1781, 42.7060,
38.4758

■ 38.5404, 46.3319,
46.4737

■ 28.3453, 41.3224,
34.8734

■ 43.1283, 48.6043,
50.8808

■ 26.0347, 40.2029,
31.5275

■ 48.3563, 51.2012,
55.5671

■ 24.2094, 39.3285,
28.4316

■ 54.2492, 54.1351,
60.5379

■ 22.8272, 38.6777,
25.5789

■ 60.8303, 57.4182,
65.7983

■ 21.8383, 38.2248,
22.9622

■ 68.1217, 61.0616,
71.3532

■ 21.2010, 37.9432,
20.8127

■ 72.7537, 63.3283,
77.0487

■ 73.8549, 63.7687,
82.8477

■ 75.0083, 64.2301,
88.9216

Harmonies

Analogous

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



36.5059, 44.3688, 33.2100



34.5651, 44.3688, 42.3396



34.5640, 44.3688, 54.8027

Triad

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



34.5651, 44.3688, 42.3396



44.3812, 44.3688, 75.4839



48.3979, 44.3688, 33.2175

Complementary

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



34.5651, 44.3688, 42.3396



35.3538, 29.5813, 35.3008

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.



50.8199, 44.3688, 42.3517



34.5651, 44.3688, 42.3396



48.3942, 44.3688, 67.4080

Square

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



34.5651, 44.3688, 42.3396



40.0314, 44.3688, 75.4791



50.8185, 44.3688, 54.8170



44.3859, 44.3688, 28.5958

Rectangle

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



34.5651, 44.3688, 42.3396



35.6547, 44.3688, 63.4622



50.8185, 44.3688, 54.8170



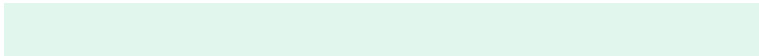
49.4369, 44.3688, 35.7848

Sweetspot

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



34.5663, 44.3706, 42.3406



79.8672, 88.9257, 93.7796



36.3319, 45.5921, 28.3588



17.2461, 19.3824, 20.3246



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.5663, 44.3706, 42.3406



58.5006, 78.3689, 72.0851



36.2288, 43.6907, 55.2410



9.6330, 10.7393, 11.3168



14.1368, 25.2450, 14.0489



0.5858, 1.0017, 0.7191

Inverse Universe

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



35.3538, 29.5813, 35.3008



60.1479, 47.4805, 57.3947



33.9880, 29.8964, 25.4527



9.6934, 9.6017, 10.7745



15.1332, 7.6844, 5.9951



0.6255, 0.3141, 0.4073

Previews

White Background



This preview shows how the XYZ color 34.5651, 44.3688, 42.3396 looks on a white background.

Color Contrast Check

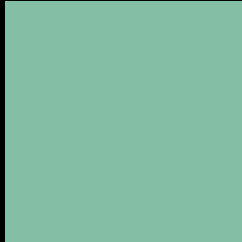
Large Text (above 18pt) WCAG AA × Fail

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 34.5651, 44.3688, 42.3396 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 34.5651, 44.3688, 42.3396

Background



This preview shows how black text looks on a background with the XYZ color 34.5651, 44.3688, 42.3396.



This preview shows how white text looks on a background with the XYZ color 34.5651, 44.3688,

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

34.5651, 44.3688, 42.3396

Protanopia

41.9013, 44.2272, 38.6760

Deuteranopia

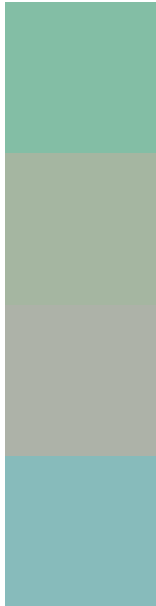
44.7503, 43.8607, 43.6435



Tritanopia

38.2555, 44.2713, 61.1725

Trichromacy



Original Color

34.5651, 44.3688, 42.3396

Protanomaly

38.6780, 44.0284, 40.1780

Deuteranomaly

40.2219, 43.5522, 43.3323

Tritanomaly

36.7316, 44.2794, 53.6245

Monochromacy



Original Color

34.5651, 44.3688, 42.3396

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.5003, 41.3394, 43.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5651, 44.3688, 42.3396 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(131, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(131, 190, 165)  
}
```

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(131, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 190, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.5651, 44.3688, 42.3396 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(131, 190, 165) }
```


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

```
.border{ border-color:rgb(131, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(131, 190,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5651, 44.3688, 42.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 190, 165) }
```

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

```
.background{ background-color: rgb(131,  
190, 165) }
```

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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