

Converting Colors

XYZ(43.8970, 64.2852, 34.2380)

Have a look what the booklet for
XYZ(43.8970, 64.2852, 34.2380)
contains.

XYZ(43.6995, 64.0041, 34.0956)	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(43.6995, 64.0041,
34.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE68A
RGB	140, 230, 138
RGB Percent	55%, 90%, 54%
CMY	0.4510, 0.0980, 0.4588
CMYK	0.39, 0.00, 0.40, 0.10
HSL	119°, 65%, 72%
HSV	119°, 40%, 90%
XYZ	43.6995, 64.0041, 34.0956
YIQ	192.6020, -24.1080, -47.6920

Conversions

Conversions Part 2

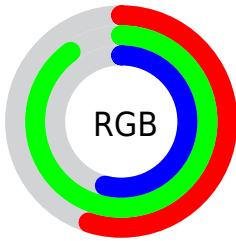
Format	Color
RYB	138, 230, 228
Decimal	9234058
CIELab	83.97, -44.99, 36.55
CIELCh	84, 57.962, 140.913
Yxy	64.0041, 0.3082, 0.4514
Android (android.graphics.Color)	4287424138 (0xFF8CE68A)
YUV	192.6020, -26.9188, -46.1320
Hunter-Lab	80.0026, -42.5031, 30.7335

Details

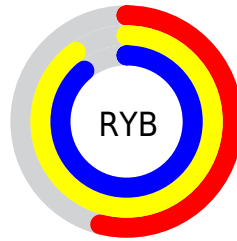
The XYZ color **43.6995, 64.0041, 34.0956** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **55.3694, 40.3862, 79.7434**, and the grayscale version is **50.6194, 53.2555, 57.9953**.

A 20% lighter version of the original color is **68.3004, 87.1961, 63.0999**, and **20.5125, 32.8450, 14.2754** is the 20% darker color. If you saturate the color by 10%, you get **38.7962, 61.6507, 26.0753**, and if you desaturate by 10%, it is **49.7338, 66.9036, 44.0121**.

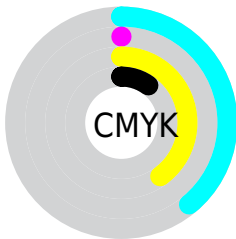
Distribution



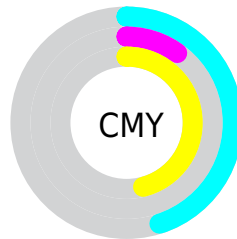
- Red (55%)
- Green (90%)
- Blue (54%)



- Red (54%)
- Yellow (90%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)




- Cyan (45%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6995, 64.0041, 34.0956 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 43.6995, 64.0041, 34.0956 by changing the saturation by 10% instead.


 43.6995, 64.0041,
34.0956


 43.6995, 64.0041,
34.0956


352.3536,
439.2044, 335.3403


 30.6312, 46.6540,
22.6891


 80.0145, 110.6168,
67.2179

 20.4687, 32.7622,
14.1610


 103.9920,
140.6483, 89.7708

 12.8464, 21.9443,
8.0927


 132.3366,
175.6756, 116.8762

 7.3991, 13.8160,
4.0657

165.4136,
216.0832, 148.9527

 3.7615, 7.9928,
1.6614

203.5885,
262.2555, 186.4188

 1.5681, 4.0903,
0.3341

247.2265,

 0.3715, 1.7242,

314.5769, 229.6931

0.0000

296.6931,
373.4317, 279.1941

■ 0.0000, 0.4393,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6995, 64.0041,
34.0956

■ 43.6995, 64.0041,
34.0956

■ 38.7962, 61.6507,
26.0753

■ 49.7338, 66.9036,
44.0121

■ 34.9492, 59.8018,
19.8265


■ 56.9585, 70.3717,
55.9304


■ 32.0821, 58.4228,
15.2163


■ 65.4342, 74.4395,
69.9536

■ 30.1065, 57.4715,
12.0912

■ 75.2162, 79.1334,
86.1762

 28.9180, 56.8979,
10.2689

 86.3567, 84.4783,
104.6871

 28.3606, 56.6285,
9.4356

 87.5881, 85.0762,
106.4127

Harmonies

Analogous

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



52.4853, 64.0041, 22.4847



43.6995, 64.0041, 34.0956



39.6702, 64.0041, 59.1648

Triad

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



43.6995, 64.0041, 34.0956



57.0385, 64.0041, 164.7192



86.7681, 64.0041, 47.4857

Complementary

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



43.6995, 64.0041, 34.0956



55.3694, 40.3862, 79.7434

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.



88.4374, 64.0041, 81.3939



43.6995, 64.0041, 34.0956



70.0242, 64.0041, 158.1560

Square

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



43.6995, 64.0041, 34.0956



46.6313, 64.0041, 139.7444



81.9474, 64.0041, 124.0815



77.6621, 64.0041, 28.1232

Rectangle

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



43.6995, 64.0041, 34.0956



39.7725, 64.0041, 83.8650



81.9474, 64.0041, 124.0815



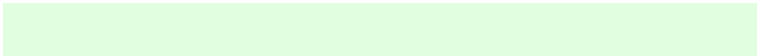
88.2632, 64.0041, 57.2089

Sweetspot

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



43.7011, 64.0068, 34.0970



80.3404, 92.9415, 84.5109



64.6744, 73.5630, 34.8361



16.8847, 19.7438, 17.5732



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.



43.7011, 64.0068, 34.0970



49.9994, 78.3748, 34.5383



47.1138, 65.3333, 53.8096



14.2181, 16.1040, 15.2635



16.0686, 32.0651, 5.3423



1.1977, 2.3748, 0.3953

Inverse Universe

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



55.3694, 40.3862, 79.7434



66.6516, 44.6450, 99.7122



50.7007, 38.5924, 51.8301



14.9625, 14.5984, 18.1735



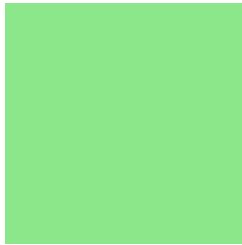
25.6809, 12.3049, 43.4047



1.9076, 0.9144, 3.2079

Previews

White Background



This preview shows how the XYZ color 43.6995, 64.0041, 34.0956 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 43.6995, 64.0041, 34.0956 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 43.6995, 64.0041, 34.0956

Background



This preview shows how black text looks on a background with the XYZ color 43.6995, 64.0041, 34.0956.



This preview shows how white text looks on a background with the XYZ color 43.6995, 64.0041,

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

43.6995, 64.0041, 34.0956

Protanopia

58.2637, 63.0543, 30.2190

Deuteranopia

64.2457, 62.8476, 35.5328



Tritanopia

54.5098, 63.5699, 88.7541

Trichromacy



Original Color

43.6995, 64.0041, 34.0956



Protanomaly

51.2952, 62.4073, 31.5326



Deuteranomaly

54.2236, 61.6015, 34.6236



Tritanomaly

49.4955, 63.0881, 64.2121

Monochromacy



Original Color

43.6995, 64.0041, 34.0956



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

47.0697, 56.1584, 47.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6995, 64.0041, 34.0956 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(140, 230, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 230, 138)  
}
```

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(140, 230, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 230, 138) }
```

Border

The CSS property to change the border of an element to XYZ 43.6995, 64.0041, 34.0956 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(140, 230, 138) }
```


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

```
.border{ border-color:rgb(140, 230, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 230, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 230, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 230, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 230,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6995, 64.0041, 34.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 230, 138) }
```

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

```
.background{ background-color: rgb(140,  
230, 138) }
```

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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