

Converting Colors

XYZ(35.3673, 44.0775, 26.8513)

Have a look what the booklet for
XYZ(35.3673, 44.0775, 26.8513)
contains.

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Color

**XYZ(35.3114, 44.1409,
26.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBB7F
RGB	156, 187, 127
RGB Percent	61%, 73%, 50%
CMY	0.3882, 0.2666, 0.5020
CMYK	0.17, 0.00, 0.32, 0.27
HSL	91°, 31%, 62%
HSV	91°, 32%, 73%
XYZ	35.3114, 44.1409, 26.7376
YIQ	170.8910, 0.7840, -25.2320

Conversions

Conversions Part 2

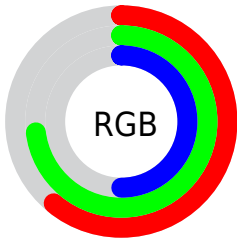
Format	Color
RYB	127, 187, 158
Decimal	10271615
CIELab	72.32, -21.26, 27.04
CIElCh	72, 34.395, 128.176
Yxy	44.1409, 0.3325, 0.4157
Android (android.graphics.Color)	4288461695 (0xFF9CBB7F)
YUV	170.8910, -21.6383, -13.0594
Hunter-Lab	66.4386, -21.3968, 22.6463

Details

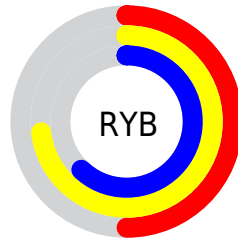
The XYZ color **35.3114, 44.1409, 26.7376** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.6614, 26.0370, 50.4258**, and the grayscale version is **38.7599, 40.7784, 44.4077**.

A 20% lighter version of the original color is **67.1528, 81.2454, 55.3226**, and **15.5736, 20.5291, 10.1629** is the 20% darker color. If you saturate the color by 10%, you get **32.4083, 42.7736, 20.8196**, and if you desaturate by 10%, it is **38.5918, 45.6792, 33.8558**.

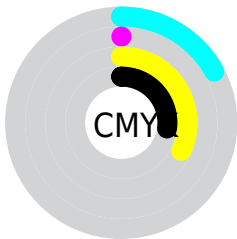
Distribution



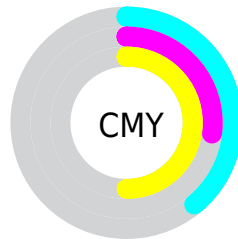
- Red (61%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)




- Cyan (39%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3114, 44.1409, 26.7376 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 35.3114, 44.1409, 26.7376 by changing the saturation by 10% instead.


 35.3114, 44.1409,
26.7376


 35.3114, 44.1409,
26.7376


317.4247,
363.2829, 300.1042


 24.0705, 30.7813,
17.1456


 67.2987, 81.4297,
55.4611

 15.5109, 20.4324,
10.1753


 88.7759, 106.1277,
75.4297

 9.2674, 12.7097,
5.4082

 114.3958,
135.3740, 99.6942

 4.9745, 7.2290,
2.4258

144.5239,
169.5529, 128.6731

 2.2669, 3.6057,
0.8004

179.5254,
209.0489, 162.7850

 0.7777, 1.4555,
0.0000

219.7659,

 0.0000, 0.2571,

254.2463, 202.4485

0.0000

265.6105,
305.5295, 248.0821

■ 0.0000, 0.0000,
0.0000

■ 35.3114, 44.1409,
26.7376

■ 35.3114, 44.1409,
26.7376

■ 32.4083, 42.7736,
20.8196

■ 38.5918, 45.6792,
33.8558

■ 29.8631, 41.5649,
16.0329

■ 42.2610, 47.3891,
42.2326

■ 27.6596, 40.5091,
12.3057


■ 46.3341, 49.2786,
51.9257


■ 25.7788, 39.5984,
9.5571


■ 50.8243, 51.3532,
62.9887


■ 24.1991, 38.8237,
7.6941

■ 55.7444, 53.6183,
75.4720


 22.8957, 38.1744,
6.6061

 61.1062, 56.0792,
89.4236

 22.0245, 37.7351,
6.1228

 66.4501, 58.5522,
102.4072

 69.5243, 60.1370,
102.5510

 72.7713, 61.8109,
102.7030

Harmonies

Analogous

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



40.3581, 44.1409, 22.4963



35.3114, 44.1409, 26.7376



32.2589, 44.1409, 36.9434

Triad

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



35.3114, 44.1409, 26.7376



37.8677, 44.1409, 85.0764



54.2468, 44.1409, 43.5776

Complementary

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



35.3114, 44.1409, 26.7376



30.6614, 26.0370, 50.4258

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.



53.4210, 44.1409, 61.2136



35.3114, 44.1409, 26.7376



43.5927, 44.1409, 88.0412

Square

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



35.3114, 44.1409, 26.7376



33.6354, 44.1409, 71.1314



49.3827, 44.1409, 78.4774



51.5436, 44.1409, 30.6125

Rectangle

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



35.3114, 44.1409, 26.7376



31.5845, 44.1409, 47.0329



49.3827, 44.1409, 78.4774



54.3773, 44.1409, 49.1058

Sweetspot

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



35.3125, 44.1428, 26.7386



77.0322, 85.4953, 78.7890



36.5529, 36.5525, 25.2081



16.7456, 18.7261, 16.8390



90.7827, 95.5105, 104.0109



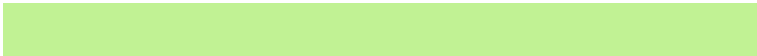
18.6292, 19.5994, 21.3438

Same Dimension

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



35.3125, 44.1428, 26.7386



59.2566, 77.1785, 39.6964



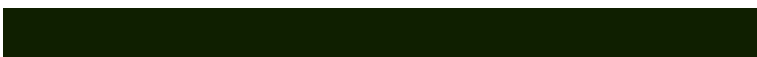
30.4203, 41.6132, 26.8516



9.8358, 10.8697, 10.1563



15.2569, 26.0411, 4.2223



0.6732, 1.0590, 0.1689

Inverse Universe

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



30.6614, 26.0370, 50.4258



49.5376, 39.3494, 89.1857



36.9476, 29.2899, 50.1630



9.4740, 9.4612, 11.9991



9.6331, 4.2521, 32.7059



0.4526, 0.2053, 1.2846

Previews

White Background



This preview shows how the XYZ color 35.3114, 44.1409, 26.7376 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 35.3114, 44.1409, 26.7376 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 35.3114, 44.1409, 26.7376

Background



This preview shows how black text looks on a background with the XYZ color 35.3114, 44.1409, 26.7376.



This preview shows how white text looks on a background with the XYZ color 35.3114, 44.1409,

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

35.3114, 44.1409, 26.7376

Protanopia

40.7831, 43.9507, 25.0727

Deuteranopia

44.7660, 43.9435, 27.5952



Tritanopia

41.4716, 44.1974, 56.7972

Trichromacy



Original Color

35.3114, 44.1409, 26.7376

Protanomaly

38.5221, 43.9680, 25.5251

Deuteranomaly

40.7898, 43.6095, 27.3867

Tritanomaly

38.7897, 44.0019, 43.9849

Monochromacy



Original Color

35.3114, 44.1409, 26.7376

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.3644, 41.9178, 37.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3114, 44.1409, 26.7376 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(156, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(156, 187, 127)  
}
```

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(156, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 187, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.3114, 44.1409, 26.7376 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(156, 187, 127) }
```


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

```
.border{ border-color:rgb(156, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(156, 187,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3114, 44.1409, 26.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 187, 127) }
```

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

```
.background{ background-color: rgb(156,  
187, 127) }
```

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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