

Converting Colors

XYZ(35.4332, 45.8680, 29.9500)

Have a look what the booklet for
XYZ(35.4332, 45.8680, 29.9500)
contains.

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Color

**XYZ(35.2554, 45.6516,
29.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	93C087
RGB	147, 192, 135
RGB Percent	58%, 75%, 53%
CMY	0.4235, 0.2470, 0.4706
CMYK	0.23, 0.00, 0.30, 0.25
HSL	107°, 31%, 64%
HSV	107°, 30%, 75%
XYZ	35.2554, 45.6516, 29.8752
YIQ	172.0470, -8.5230, -27.2670

Conversions

Conversions Part 2

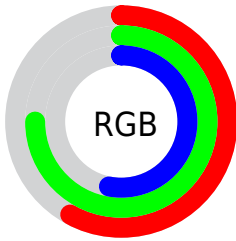
Format	Color
RYB	135, 192, 180
Decimal	9683079
CIELab	73.32, -25.74, 24.04
CIElCh	73, 35.221, 136.963
Yxy	45.6516, 0.3182, 0.4121
Android (android.graphics.Color)	4287873159 (0xFF93C087)
YUV	172.0470, -18.2642, -21.9662
Hunter-Lab	67.5660, -25.1005, 21.0803

Details

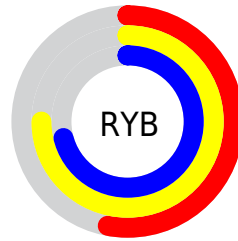
The XYZ color **35.2554, 45.6516, 29.8752** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.0029, 30.8385, 53.8738**, and the grayscale version is **39.3301, 41.3783, 45.0610**.

A 20% lighter version of the original color is **67.4181, 83.9820, 60.8010**, and **15.4475, 21.2657, 11.8849** is the 20% darker color. If you saturate the color by 10%, you get **31.4824, 43.8503, 23.2672**, and if you desaturate by 10%, it is **39.6329, 47.7391, 37.7860**.

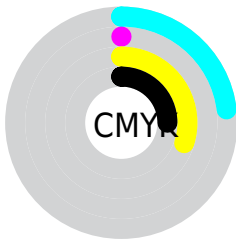
Distribution



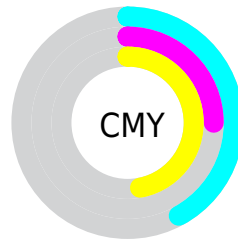
- Red (58%)
- Green (75%)
- Blue (53%)



- Red (53%)
- Yellow (75%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2554, 45.6516, 29.8752 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 35.2554, 45.6516, 29.8752 by changing the saturation by 10% instead.

■ 35.2554, 45.6516,
29.8752

■ 35.2554, 45.6516,
29.8752

317.1825,
369.4062, 315.5115

■ 24.0271, 31.9710,
19.4926

■ 67.2127, 83.6973,
60.5234

■ 15.4786, 21.3393,
11.8464

■ 88.6723, 108.8313,
81.6262

■ 9.2444, 13.3723,
6.5179

■ 114.2732,
138.5517, 107.1394

■ 4.9594, 7.6854,
3.0886

144.3806,
173.2431, 137.4816

■ 2.2579, 3.8943,
1.1401

179.3598,
213.2899, 173.0714

■ 0.7730, 1.6146,
0.0000

219.5763,

■ 0.0000, 0.3674,

259.0764, 214.3273

0.0000

265.3955,
310.9870, 261.6678

■ 0.0000, 0.0000,
0.0000

■ 35.2554, 45.6516,
29.8752

■ 35.2554, 45.6516,
29.8752

■ 31.4824, 43.8503,
23.2672

■ 39.6329, 47.7391,
37.7860

■ 28.2832, 42.3167,
17.8893

■ 44.6365, 50.1184,
47.0611

■ 25.6300, 41.0397,
13.6662

■ 50.2913, 52.8026,
57.7616

■ 23.4908, 40.0045,
10.5133

■ 56.6197, 55.8019,
69.9443

■ 21.8304, 39.1950,
8.3343

■ 63.6433, 59.1263,
83.6625

■ 20.6086, 38.5930,
7.0155

■ 71.3824, 62.7853,
98.9672

■ 19.7638, 38.1716,
6.3434

■ 77.4497, 65.8250,
103.2312

■ 19.7419, 38.1606,
6.3252

■ 78.1406, 66.1811,
103.2635

Harmonies

Analogous

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



40.0080, 45.6516, 23.7014



35.2554, 45.6516, 29.8752



32.7922, 45.6516, 42.4036

Triad

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



35.2554, 45.6516, 29.8752



40.7593, 45.6516, 90.8859



55.8066, 45.6516, 40.4056

Complementary

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



35.2554, 45.6516, 29.8752



37.0029, 30.8385, 53.8738

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.



56.0568, 45.6516, 57.8039



35.2554, 45.6516, 29.8752



46.9584, 45.6516, 89.9846

Square

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



35.2554, 45.6516, 29.8752



35.7602, 45.6516, 79.0341



52.6896, 45.6516, 76.8045



52.0356, 45.6516, 28.7138

Rectangle

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



35.2554, 45.6516, 29.8752



32.6107, 45.6516, 53.9572



52.6896, 45.6516, 76.8045



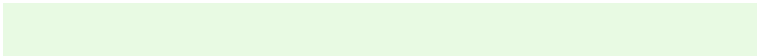
56.3171, 45.6516, 45.6858

Sweetspot

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



35.2566, 45.6536, 29.8762



81.4014, 91.0575, 86.2549



42.3641, 45.4592, 29.4641



17.1601, 19.3908, 17.9367



92.9021, 97.7402, 106.4391



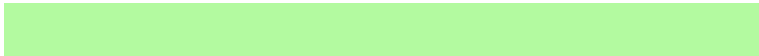
19.4759, 20.4902, 22.3138

Same Dimension

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



35.2566, 45.6536, 29.8762



59.0551, 80.4134, 45.6372



34.4409, 45.0915, 36.2315



10.1382, 11.3587, 10.7200



13.3374, 25.7045, 4.2585



0.6354, 1.1411, 0.1868

Inverse Universe

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



37.0029, 30.8385, 53.8738



62.7426, 48.9981, 96.5110



38.2256, 31.6643, 45.0955



10.2831, 10.1371, 12.6995



15.1300, 7.0602, 34.1219



0.7070, 0.3325, 1.4768

Previews

White Background



This preview shows how the XYZ color 35.2554, 45.6516, 29.8752 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 35.2554, 45.6516, 29.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

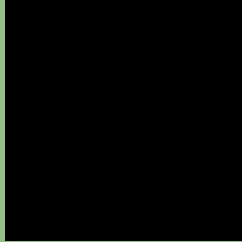
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2554, 45.6516, 29.8752

Background



This preview shows how black text looks on a background with the XYZ color 35.2554, 45.6516, 29.8752.



This preview shows how white text looks on a background with the XYZ color 35.2554, 45.6516,

29.8752.

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

35.2554, 45.6516, 29.8752

Protanopia

42.0749, 45.1626, 27.2686

Deuteranopia

45.9911, 45.0708, 30.7016



Tritanopia

41.5498, 45.6736, 60.6588

Trichromacy



Original Color

35.2554, 45.6516, 29.8752

Protanomaly

39.1417, 45.1498, 28.1245

Deuteranomaly

41.2011, 44.6400, 30.4896

Tritanomaly

38.9332, 45.5453, 47.8134

Monochromacy



Original Color

35.2554, 45.6516, 29.8752

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.4824, 42.5299, 39.0345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2554, 45.6516, 29.8752 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(147, 192, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 192, 135)  
}
```

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(147, 192, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 192, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.2554, 45.6516, 29.8752 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(147, 192, 135) }
```


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

```
.border{ border-color:rgb(147, 192, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 192, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 192,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2554, 45.6516, 29.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 192, 135) }
```

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

```
.background{ background-color: rgb(147,  
192, 135) }
```

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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