

Converting Colors

XYZ(35.5098, 45.1870, 27.1006)

Have a look what the booklet for
XYZ(35.5098, 45.1870, 27.1006)
contains.

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Color

**XYZ(35.6362, 45.2554,
27.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABE80
RGB	154, 190, 128
RGB Percent	60%, 75%, 50%
CMY	0.3961, 0.2549, 0.4980
CMYK	0.19, 0.00, 0.33, 0.25
HSL	95°, 32%, 62%
HSV	95°, 33%, 75%
XYZ	35.6362, 45.2554, 27.2790
YIQ	172.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

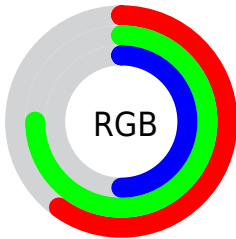
Format	Color
RYB	128, 190, 164
Decimal	10141312
CIELab	73.06, -23.34, 27.47
CIELCh	73, 36.044, 130.351
Yxy	45.2554, 0.3294, 0.4184
Android (android.graphics.Color)	4288331392 (0xFF9ABE80)
YUV	172.1680, -21.7748, -15.9333
Hunter-Lab	67.2721, -23.1691, 23.0483

Details

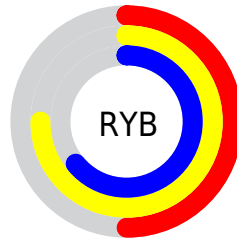
The XYZ color **35.6362, 45.2554, 27.2790** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3250, 27.0498, 52.2350**, and the grayscale version is **39.4062, 41.4584, 45.1481**.

A 20% lighter version of the original color is **67.5908, 82.8030, 56.1362**, and **15.6588, 20.9832, 10.4326** is the 20% darker color. If you saturate the color by 10%, you get **32.4969, 43.7696, 21.2040**, and if you desaturate by 10%, it is **39.2051, 46.9383, 34.5984**.

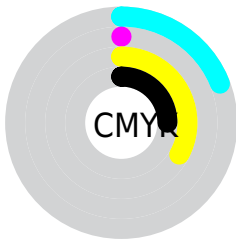
Distribution



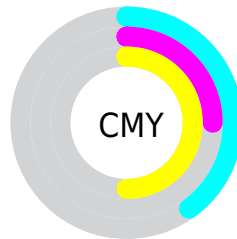
- Red (60%)
- Green (75%)
- Blue (50%)



- Red (50%)
- Yellow (75%)
- Blue (64%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6362, 45.2554, 27.2790 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 35.6362, 45.2554, 27.2790 by changing the saturation by 10% instead.


 35.6362, 45.2554,
27.2790


 35.6362, 45.2554,
27.2790


318.8267,
367.8070, 302.8083


 24.3222, 31.6586,
17.5486


 67.7977, 83.1035,
56.3404

 15.6988, 21.1009,
10.4603


 89.3759, 108.1237,
76.5085

 9.4008, 13.1978,
5.5956


 115.1062,
137.7205, 100.9929

 5.0627, 7.5649,
2.5360

145.3540,
172.2782, 130.2121

 2.3192, 3.8178,
0.8592

180.4846,
212.1813, 164.5847

 0.8045, 1.5722,
0.0000

220.8633,

 0.0000, 0.3387,

257.8142, 204.5293

0.0000

266.8555,
309.5613, 250.4643

■ 0.0000, 0.0000,
0.0000

■ 35.6362, 45.2554,
27.2790

■ 35.6362, 45.2554,
27.2790

■ 32.4969, 43.7696,
21.2040

■ 39.2051, 46.9383,
34.5984

■ 29.7654, 42.4672,
16.3013

■ 43.2172, 48.8199,
43.2231

■ 27.4231, 41.3415,
12.4957


■ 47.6897, 50.9090,
53.2136


■ 25.4483, 40.3832,
9.7023


■ 52.6377, 53.2124,
64.6257

■ 23.8165, 39.5819,
7.8236


■ 58.0757, 55.7362,
77.5121


 22.4994, 38.9255,
6.7430

 64.0176, 58.4865,
91.9228

 21.6951, 38.5200,
6.2917

 69.4944, 61.0763,
102.7339

 73.1735, 62.9729,
102.9061

 77.0811, 64.9874,
103.0889

Harmonies

Analogous

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



40.8734, 45.2554, 22.4154



35.6362, 45.2554, 27.2790



32.5823, 45.2554, 38.5037

Triad

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



35.6362, 45.2554, 27.2790



39.0669, 45.2554, 89.7123



56.0680, 45.2554, 43.3000

Complementary

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



35.6362, 45.2554, 27.2790



32.3250, 27.0498, 52.2350

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.



55.4636, 45.2554, 61.8893



35.6362, 45.2554, 27.2790



45.2278, 45.2554, 91.9007

Square

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



35.6362, 45.2554, 27.2790



34.4250, 45.2554, 75.3305



51.3455, 45.2554, 80.7336



52.9243, 45.2554, 30.0498

Rectangle

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



35.6362, 45.2554, 27.2790



31.9997, 45.2554, 49.4881



51.3455, 45.2554, 80.7336



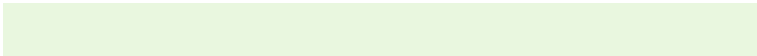
56.3034, 45.2554, 49.0634

Sweetspot

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



35.6374, 45.2574, 27.2800



80.2353, 89.3642, 82.5604



38.2541, 38.7491, 25.8858



17.3742, 19.5091, 17.5892



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.



35.6374, 45.2574, 27.2800



60.5144, 80.0861, 41.4973



31.4908, 43.0877, 28.5354



9.7777, 10.8398, 10.1536



14.5106, 25.6564, 4.1874



0.6431, 1.0435, 0.1675

Inverse Universe

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



32.3250, 27.0498, 52.2350



53.5944, 42.0837, 93.5774



37.8048, 29.9262, 50.1661



9.5328, 9.4915, 12.0018



10.5743, 4.7373, 32.7500



0.4872, 0.2232, 1.2863

Previews

White Background



This preview shows how the XYZ color 35.6362, 45.2554, 27.2790 looks on a white background.

Color Contrast Check

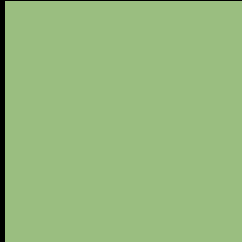
Large Text (above 18pt) WCAG AA × Fail

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 35.6362, 45.2554, 27.2790 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 35.6362, 45.2554, 27.2790

Background



This preview shows how black text looks on a background with the XYZ color 35.6362, 45.2554, 27.2790.



This preview shows how white text looks on a background with the XYZ color 35.6362, 45.2554,

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

35.6362, 45.2554, 27.2790

Protanopia

41.6876, 45.0077, 25.2291

Deuteranopia

45.5917, 44.6406, 28.0434



Tritanopia

41.7975, 44.9258, 58.6931

Trichromacy



Original Color

35.6362, 45.2554, 27.2790

Protanomaly

39.2256, 44.9313, 26.0072

Deuteranomaly

41.2523, 44.4266, 27.8737

Tritanomaly

38.9884, 44.6948, 45.1001

Monochromacy



Original Color

35.6362, 45.2554, 27.2790

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.6379, 42.6398, 37.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6362, 45.2554, 27.2790 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(154, 190, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 190, 128)  
}
```

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(154, 190, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 190, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.6362, 45.2554, 27.2790 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(154, 190, 128) }
```


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

```
.border{ border-color:rgb(154, 190, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 190, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 190, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 190, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 190,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6362, 45.2554, 27.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 190, 128) }
```

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

```
.background{ background-color: rgb(154,  
190, 128) }
```

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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