

Converting Colors

XYZ(35.1296, 45.4900, 19.4993)

Have a look what the booklet for
XYZ(35.1296, 45.4900, 19.4993)
contains.

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Color

**XYZ(35.1296, 45.4900,
19.4993)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBF66
RGB	158, 191, 102
RGB Percent	62%, 75%, 40%
CMY	0.3804, 0.2510, 0.6000
CMYK	0.17, 0.00, 0.47, 0.25
HSL	82°, 41%, 57%
HSV	82°, 47%, 75%
XYZ	35.1296, 45.4900, 19.4993
YIQ	170.9870, 8.9010, -34.6750

Conversions

Conversions Part 2

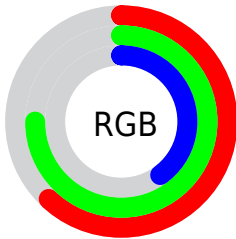
Format	Color
RYB	102, 191, 135
Decimal	10403686
CIELab	73.21, -25.72, 41.08
CIElCh	73, 48.468, 122.045
Yxy	45.4900, 0.3509, 0.4544
Android (android.graphics.Color)	4288593766 (0xFF9EBF66)
YUV	170.9870, -34.0106, -11.3896
Hunter-Lab	67.4463, -25.0587, 30.0711

Details

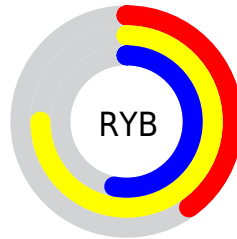
The XYZ color **35.1296, 45.4900, 19.4993** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **24.1489, 18.4165, 51.5748**, and the grayscale version is **38.8655, 40.8895, 44.5287**.

A 20% lighter version of the original color is **66.9087, 83.1842, 43.5400**, and **15.3912, 21.1425, 6.5185** is the 20% darker color. If you saturate the color by 10%, you get **32.9364, 44.4579, 15.0091**, and if you desaturate by 10%, it is **37.6236, 46.6548, 25.1446**.

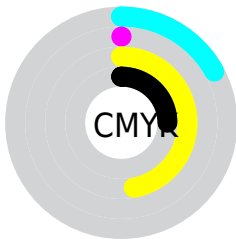
Distribution



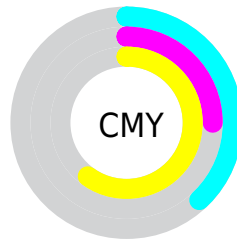
- Red (62%)
- Green (75%)
- Blue (40%)



- Red (40%)
- Yellow (75%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1296, 45.4900, 19.4993 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 35.1296, 45.4900, 19.4993 by changing the saturation by 10% instead.

■ 35.1296, 45.4900,
19.4993

■ 35.1296, 45.4900,
19.4993

316.6380,
368.7545, 261.7054

■ 23.9297, 31.8436,
11.8512

■ 67.0192, 83.4552,
43.4240

■ 15.4059, 21.2420,
6.5211

■ 88.4396, 108.5428,
60.5376

■ 9.1929, 13.3010,
3.0906

■ 113.9976,
138.2129, 81.6435

■ 4.9254, 7.6362,
1.1411

■ 144.0584,
172.8498, 107.1602

■ 2.2378, 3.8630,
0.0000

178.9875,
212.8381, 137.5061

■ 0.7626, 1.5972,
0.0000

219.1503,

■ 0.0000, 0.3557,

258.5620, 173.1000

0.0000

264.9120,
310.4060, 214.3602

■ 0.0000, 0.0000,
0.0000

■ 35.1296, 45.4900,
19.4993

■ 35.1296, 45.4900,
19.4993

■ 32.9364, 44.4579,
15.0091

■ 37.6236, 46.6548,
25.1446

■ 31.0242, 43.5458,
11.5910

■ 40.4301, 47.9525,
32.0145

■ 29.3754, 42.7481,
9.1555


■ 43.5642, 49.3907,
40.1766


■ 27.9689, 42.0560,
7.5975


■ 47.0388, 50.9749,
49.6926


■ 26.7765, 41.4582,
6.7776

■ 50.8660, 52.7100,
60.6202

 26.4017, 41.2691,
6.5742

 55.0575, 54.6008,
73.0139

 59.6241, 56.6518,
86.9252

 64.5763, 58.8673,
102.4032

 66.7285, 59.9732,
102.6668

Harmonies

Analogous

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



42.6562, 45.4900, 15.9268



35.1296, 45.4900, 19.4993



30.3437, 45.4900, 30.6639

Triad

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



35.1296, 45.4900, 19.4993



36.0166, 45.4900, 103.4695



61.7200, 45.4900, 47.8791

Complementary

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



35.1296, 45.4900, 19.4993



24.1489, 18.4165, 51.5748

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.



59.3457, 45.4900, 74.8825



35.1296, 45.4900, 19.4993



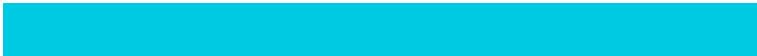
43.8228, 45.4900, 112.6055

Square

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



35.1296, 45.4900, 19.4993



30.8067, 45.4900, 78.7588



52.5044, 45.4900, 100.7636



58.6282, 45.4900, 28.6099

Rectangle

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



35.1296, 45.4900, 19.4993



28.9823, 45.4900, 43.3290



52.5044, 45.4900, 100.7636



61.5339, 45.4900, 56.2979

Sweetspot

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



35.1307, 45.4920, 19.5003



79.4416, 89.1044, 75.7771



32.4987, 29.2630, 16.5065



17.1571, 19.4351, 15.8663



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.



35.1307, 45.4920, 19.5003



58.8801, 79.5700, 26.6764



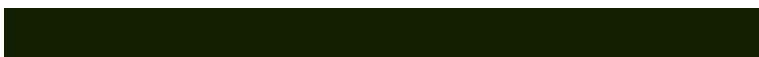
27.9526, 41.7916, 19.1643



9.9699, 10.9389, 10.1626



17.4412, 27.1672, 4.3245



0.7531, 1.1002, 0.1727

Inverse Universe

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



24.1489, 18.4165, 51.5748



36.8307, 25.1331, 91.1891



32.7783, 22.8651, 51.9786



9.3417, 9.3930, 11.9929



7.9618, 3.3906, 32.6277



0.3847, 0.1704, 1.2815

Previews

White Background



This preview shows how the XYZ color 35.1296, 45.4900, 19.4993 looks on a white background.

Color Contrast Check

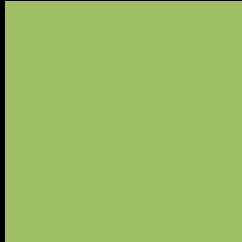
Large Text (above 18pt) WCAG AA × Fail

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 35.1296, 45.4900, 19.4993 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 35.1296, 45.4900, 19.4993

Background



This preview shows how black text looks on a background with the XYZ color 35.1296, 45.4900, 19.4993.



This preview shows how white text looks on a background with the XYZ color 35.1296, 45.4900,

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

35.1296, 45.4900, 19.4993

Protanopia

41.3507, 44.9924, 18.0603

Deuteranopia

46.1302, 45.0928, 20.1824



Tritanopia

42.7491, 45.1287, 58.0873

Trichromacy



Original Color

35.1296, 45.4900, 19.4993

Protanomaly

38.7141, 44.8351, 18.4180

Deuteranomaly

41.2351, 44.5965, 19.7993

Tritanomaly

39.2994, 44.9612, 40.3253

Monochromacy



Original Color

35.1296, 45.4900, 19.4993

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.8346, 42.0231, 33.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1296, 45.4900, 19.4993 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(158, 191, 102)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 102)  
}
```

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(158, 191, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.1296, 45.4900, 19.4993 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(158, 191, 102) }
```


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

```
.border{ border-color:rgb(158, 191, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 191, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 191, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 191, 102);  
box-shadow:4px 4px 4px 4px rgb(158, 191,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1296, 45.4900, 19.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 191, 102) }
```

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

```
.background{ background-color: rgb(158,  
191, 102) }
```

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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