

Converting Colors

XYZ(39.5900, 38.0729, 25.5124)

Have a look what the booklet for
XYZ(39.5900, 38.0729, 25.5124)
contains.

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Color

**XYZ(39.6763, 38.1543,
25.6954)**

Conversions

Conversions Part 1

Format	Color
Hex	C79E80
RGB	199, 158, 128
RGB Percent	78%, 62%, 50%
CMY	0.2196, 0.3804, 0.4980
CMYK	0.00, 0.21, 0.36, 0.22
HSL	25°, 39%, 64%
HSV	25°, 36%, 78%
XYZ	39.6763, 38.1543, 25.6954
YIQ	166.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

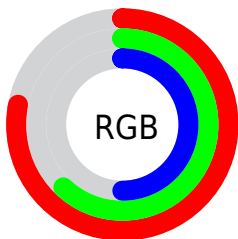
Format	Color
R _Y B	199, 180, 128
Decimal	13082240
CIE Lab	68.13, 11.03, 21.47
CIE LCh	68, 24.135, 62.796
Yxy	38.1543, 0.3832, 0.3685
Android (android.graphics.Color)	4291272320 (0xFFC79E80)
YUV	166.8390, -19.1476, 28.2052
Hunter-Lab	61.7692, 6.5602, 18.5743

Details

The XYZ color **39.6763, 38.1543, 25.6954** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3984, 37.0874, 59.4311**, and the grayscale version is **36.7316, 38.6445, 42.0839**.

A 20% lighter version of the original color is **73.3747, 72.1847, 53.7818**, and **18.1706, 17.0092, 9.7225** is the 20% darker color. If you saturate the color by 10%, you get **36.6238, 33.9438, 18.8372**, and if you desaturate by 10%, it is **43.1710, 42.8377, 33.9692**.

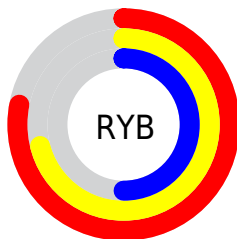
Distribution



Red (78%)

Green (62%)

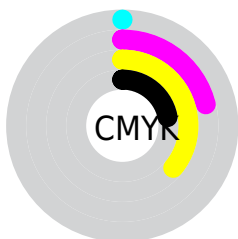
Blue (50%)



Red (78%)

Yellow (71%)

Blue (50%)

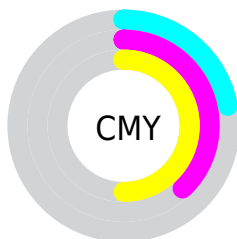


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6763, 38.1543, 25.6954 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 39.6763, 38.1543, 25.6954 by changing the saturation by 10% instead.


 39.6763, 38.1543,
25.6954


 39.6763, 38.1543,
25.6954


335.9152,
338.2814, 294.8413

 27.4693, 26.1025,
16.3722


 73.9578, 72.3446,
53.7612

 18.0644, 16.9003,
9.6307

 96.7631, 95.2518,
73.3408

 11.0962, 10.1634,
5.0524


 123.8318,
122.5463, 97.1764

 6.1994, 5.5075,
2.2188

155.5294,
154.6124, 125.6863

 3.0085, 2.5480,
0.6852

192.2212,
191.8346, 159.2893

 1.1583, 0.9006,
0.0000

234.2725,

 0.0730, 0.0000,

234.5973, 198.4037

0.0000

282.0487,
283.2847, 243.4482

■ 0.0000, 0.0000,
0.0000

■ 39.6763, 38.1543,
25.6954

■ 39.6763, 38.1543,
25.6954

■ 36.6238, 33.9438,
18.8372

■ 43.1710, 42.8377,
33.9692

■ 33.9904, 30.1848,
13.3111

■ 47.1236, 48.0038,
43.7308

■ 31.7552, 26.8619,
9.0284


■ 51.5525, 53.6688,
55.0503


■ 29.8940, 23.9568,
5.8885


■ 56.4743, 59.8464,
67.9927

■ 28.3793, 21.4492,
3.7747


■ 61.9046, 66.5498,
82.6190


 27.1779, 19.3162,
2.5430

 67.8584, 73.7916,
98.9874

 26.7310, 18.4977,
2.1615

 72.3053, 80.7663,
106.3863

 75.7664, 87.6885,
107.5400

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



42.6978, 38.1543, 31.2935



39.6763, 38.1543, 25.6954



35.9124, 38.1543, 24.0832

Triad

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



39.6763, 38.1543, 25.6954



29.5027, 38.1543, 42.5634



40.3295, 38.1543, 61.5262

Complementary

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



39.6763, 38.1543, 25.6954



33.3984, 37.0874, 59.4311

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.



36.6189, 38.1543, 65.8878



39.6763, 38.1543, 25.6954



30.5123, 38.1543, 53.8181

Square

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



39.6763, 38.1543, 25.6954



30.1985, 38.1543, 32.7666



33.0542, 38.1543, 62.8499



43.0928, 38.1543, 51.7626

Rectangle

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



39.6763, 38.1543, 25.6954



33.5308, 38.1543, 25.2092



33.0542, 38.1543, 62.8499



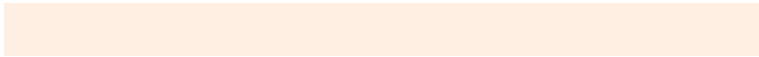
39.1429, 38.1543, 63.7423

Sweetspot

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



39.6773, 38.1561, 25.6962



85.9073, 88.4215, 85.1761



38.4732, 30.4611, 41.5936



18.1623, 18.6368, 17.6573



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.



39.6773, 38.1561, 25.6962



65.1590, 60.8773, 35.2460



46.5380, 51.8775, 27.9831



10.9961, 11.3614, 11.1762



17.2714, 12.0599, 1.4175



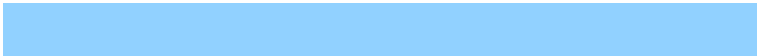
0.8892, 0.7138, 0.0909

Inverse Universe

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



33.3984, 37.0874, 59.4311



52.5066, 58.7071, 103.1719



27.7248, 25.7403, 57.5400



10.5567, 11.2874, 13.5398



10.6522, 10.6983, 36.2479



0.5750, 0.6478, 1.7399

Previews

White Background



This preview shows how the XYZ color 39.6763, 38.1543, 25.6954 looks on a white background.

Color Contrast Check

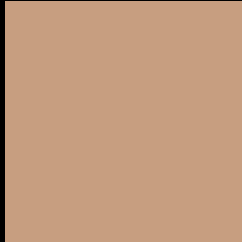
Large Text (above 18pt) WCAG AA × Fail

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 39.6763, 38.1543, 25.6954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

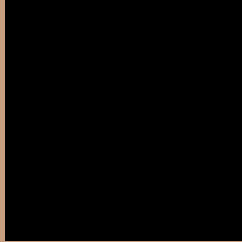
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6763, 38.1543, 25.6954

Background



This preview shows how black text looks on a background with the XYZ color 39.6763, 38.1543, 25.6954.



This preview shows how white text looks on a background with the XYZ color 39.6763, 38.1543,

25.6954.

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

39.6763, 38.1543, 25.6954

Protanopia

35.9325, 38.2855, 27.3258

Deuteranopia

38.9728, 38.3022, 25.7611



Tritanopia

42.8114, 38.1956, 40.7134

Trichromacy



Original Color

39.6763, 38.1543, 25.6954

Protanomaly

37.2015, 38.1474, 26.8752

Deuteranomaly

39.0594, 38.0905, 25.7156

Tritanomaly

41.7460, 38.2662, 34.8916

Monochromacy



Original Color

39.6763, 38.1543, 25.6954

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.6156, 38.4345, 35.5730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6763, 38.1543, 25.6954 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(199, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 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(199, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.6763, 38.1543, 25.6954 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(199, 158, 128) }
```


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

```
.border{ border-color:rgb(199, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6763, 38.1543, 25.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 128) }
```

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

```
.background{ background-color: rgb(199,  
158, 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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