

Converting Colors

XYZ(39.5795, 32.8924, 20.6847)

Have a look what the booklet for
XYZ(39.5795, 32.8924, 20.6847)
contains.

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Color

**XYZ(39.5479, 32.8850,
20.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	D68774
RGB	214, 135, 116
RGB Percent	84%, 53%, 45%
CMY	0.1608, 0.4706, 0.5451
CMYK	0.00, 0.37, 0.46, 0.16
HSL	12°, 54%, 65%
HSV	12°, 46%, 84%
XYZ	39.5479, 32.8850, 20.7860
YIQ	156.4550, 53.1830, 10.8390

Conversions

Conversions Part 2

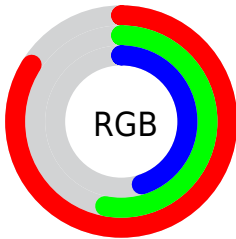
Format	Color
RYB	214, 140, 116
Decimal	14059380
CIELab	64.07, 28.16, 22.89
CIElCh	64, 36.287, 39.106
Yxy	32.8850, 0.4242, 0.3528
Android (android.graphics.Color)	4292249460 (0xFFD68774)
YUV	156.4550, -19.9443, 50.4670
Hunter-Lab	57.3454, 22.7468, 18.6510

Details

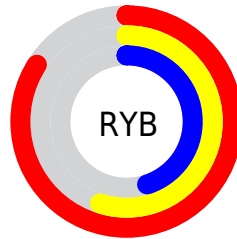
The XYZ color **39.5479, 32.8850, 20.7860** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **38.8542, 47.5962, 70.7574**, and the grayscale version is **31.8738, 33.5338, 36.5183**.

A 20% lighter version of the original color is **66.5055, 60.4823, 45.2148**, and **17.9240, 13.8259, 7.1928** is the 20% darker color. If you saturate the color by 10%, you get **36.2287, 28.0145, 14.2295**, and if you desaturate by 10%, it is **43.5455, 38.6533, 28.9838**.

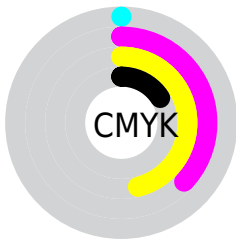
Distribution



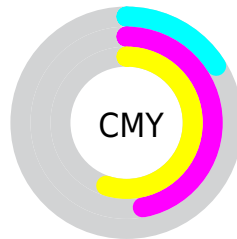
- Red (84%)
- Green (53%)
- Blue (45%)



- Red (84%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5479, 32.8850, 20.7860 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 39.5479, 32.8850, 20.7860 by changing the saturation by 10% instead.


 39.5479, 32.8850,
20.7860


 39.5479, 32.8850,
20.7860


335.3815,
315.1312, 268.8826


 27.3689, 22.0384,
12.7779


 73.7633, 64.1959,
45.6073

 17.9885, 13.8851,
7.1469

 96.5304, 85.4290,
63.2576

 11.0413, 8.0408,
3.4743


 123.5575,
110.8931, 84.9590

 6.1621, 4.1211,
1.3416

155.2101,
140.9725, 111.1302

 2.9855, 1.7415,
0.0955

191.8534,
176.0516, 142.1896

 1.1461, 0.4503,
0.0000

233.8528,

 0.0632, 0.0000,

216.5148, 178.5557

0.0000

281.5738,
262.7466, 220.6472

■ 0.0000, 0.0000,
0.0000

■ 39.5479, 32.8850,
20.7860

■ 39.5479, 32.8850,
20.7860

■ 36.2287, 28.0145,
14.2295

■ 43.5455, 38.6533,
28.9838

■ 33.5466, 23.9915,
9.2011

■ 48.2545, 45.3568,
38.9219

■ 31.4597, 20.7680,
5.5759


■ 53.7087, 53.0366,
50.6938


■ 29.9196, 18.2890,
3.2085


■ 59.9391, 61.7298,
64.3857

■ 28.8690, 16.4921,
1.9202

■ 66.9749, 71.4718,
80.0782

 28.5419, 15.9168,
1.5679

 74.8435, 82.2959,
97.8475

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



42.0367, 32.8850, 31.5210



39.5479, 32.8850, 20.7860



34.9059, 32.8850, 15.3748

Triad

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



39.5479, 32.8850, 20.7860



22.9206, 32.8850, 26.6506



32.8426, 32.8850, 71.5483

Complementary

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



39.5479, 32.8850, 20.7860



38.8542, 47.5962, 70.7574

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.



27.8702, 32.8850, 69.1934



39.5479, 32.8850, 20.7860



22.4970, 32.8850, 40.4631

Square

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



39.5479, 32.8850, 20.7860



25.4408, 32.8850, 18.0610



24.2129, 32.8850, 56.7320



37.8964, 32.8850, 62.4897

Rectangle

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



39.5479, 32.8850, 20.7860



31.4103, 32.8850, 14.3439



24.2129, 32.8850, 56.7320



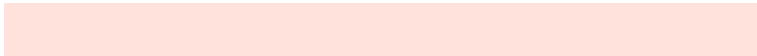
31.1026, 32.8850, 72.1088

Sweetspot

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



39.5487, 32.8866, 20.7866



81.3228, 80.9045, 78.5550



43.9446, 30.7742, 55.8684



16.9985, 16.7455, 15.9243



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.



39.5487, 32.8866, 20.7866



53.9855, 41.8227, 21.3716



47.8106, 49.4104, 23.5406



12.6163, 12.8067, 12.9677



17.3095, 9.7362, 0.9670



1.1022, 0.7037, 0.0777

Inverse Universe

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



38.8542, 47.5962, 70.7574



52.7763, 66.2257, 104.6090



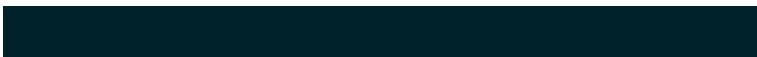
29.7792, 29.4461, 67.7324



12.5780, 13.6795, 15.9150



16.3844, 21.0306, 41.6489



1.0419, 1.3757, 2.5299

Previews

White Background



This preview shows how the XYZ color 39.5479, 32.8850, 20.7860 looks on a white background.

Color Contrast Check

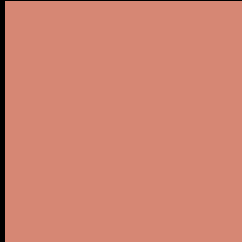
Large Text (above 18pt) WCAG AA × Fail

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 39.5479, 32.8850, 20.7860 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 39.5479, 32.8850, 20.7860

Background



This preview shows how black text looks on a background with the XYZ color 39.5479, 32.8850, 20.7860.



This preview shows how white text looks on a background with the XYZ color 39.5479, 32.8850,

20.7860.

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

39.5479, 32.8850, 20.7860

Protanopia

30.9401, 32.9227, 24.1260

Deuteranopia

33.4952, 32.8775, 20.2034



Tritanopia

41.2429, 32.7546, 29.3478

Trichromacy



Original Color

39.5479, 32.8850, 20.7860

Protanomaly

33.6312, 32.6522, 22.9423

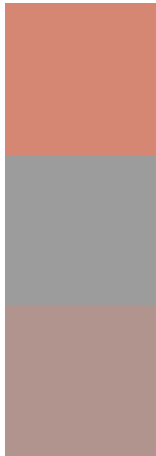
Deuteranomaly

35.5162, 32.7635, 20.3717

Tritanomaly

40.4405, 32.6155, 25.9938

Monochromacy



Original Color

39.5479, 32.8850, 20.7860

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.5291, 32.4500, 29.6956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5479, 32.8850, 20.7860 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(214, 135, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 135, 116)  
}
```

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(214, 135, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 135, 116) }
```

Border

The CSS property to change the border of an element to XYZ 39.5479, 32.8850, 20.7860 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(214, 135, 116) }
```


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

```
.border{ border-color:rgb(214, 135, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 135, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 135, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 135, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 135,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5479, 32.8850, 20.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 135, 116) }
```

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

```
.background{ background-color: rgb(214,  
135, 116) }
```

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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