

Converting Colors

XYZ(39.2548, 30.5201, 19.8686)

Have a look what the booklet for
XYZ(39.2548, 30.5201, 19.8686)
contains.

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Color

**XYZ(39.1584, 30.5356,
19.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7C72
RGB	218, 124, 114
RGB Percent	85%, 49%, 45%
CMY	0.1451, 0.5137, 0.5529
CMYK	0.00, 0.43, 0.48, 0.15
HSL	6°, 58%, 65%
HSV	6°, 48%, 85%
XYZ	39.1584, 30.5356, 19.7497
YIQ	150.9660, 59.2340, 16.8180

Conversions

Conversions Part 2

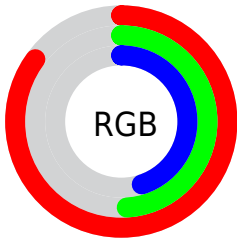
Format	Color
RYB	218, 125, 114
Decimal	14318706
CIELab	62.11, 35.35, 21.47
CIElCh	62, 41.358, 31.266
Yxy	30.5356, 0.4378, 0.3414
Android (android.graphics.Color)	4292508786 (0xFFDA7C72)
YUV	150.9660, -18.2242, 58.7888
Hunter-Lab	55.2590, 29.7878, 17.4909

Details

The XYZ color **39.1584, 30.5356, 19.7497** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.1492, 53.7488, 74.4827**, and the grayscale version is **29.4594, 30.9936, 33.7520**.

A 20% lighter version of the original color is **64.0433, 55.8540, 43.4818**, and **17.6640, 12.5294, 6.6417** is the 20% darker color. If you saturate the color by 10%, you get **35.8349, 25.6434, 13.2323**, and if you desaturate by 10%, it is **43.2725, 36.5358, 27.9899**.

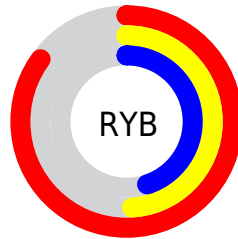
Distribution



Red (85%)

Green (49%)

Blue (45%)



Red (85%)

Yellow (49%)

Blue (45%)

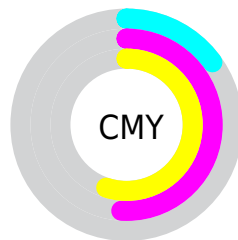


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (15%)



Cyan (15%)


Magenta (51%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1584, 30.5356, 19.7497 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 39.1584, 30.5356, 19.7497 by changing the saturation by 10% instead.


 39.1584, 30.5356,
19.7497


 39.1584, 30.5356,
19.7497

333.7590,
304.3931, 263.1161


 27.0643, 20.2455,
12.0310


 73.1728, 60.5082,
43.8506

 17.7583, 12.5736,
6.6420


 95.8237, 80.9594,
61.0698

 10.8753, 7.1356,
3.1642


 122.7242,
105.5665, 82.2929

 6.0497, 3.5470,
1.1791

 154.2398,
134.7138, 107.9385

 2.9163, 1.4236,
0.0000

190.7357,
168.7857, 138.4251

 1.1096, 0.2340,
0.0000

232.5773,


 0.0332, 0.0000,


208.1666, 174.1712


0.0000

280.1300,
253.2410, 215.5953


 0.0000, 0.0000,
0.0000


 39.1584, 30.5356,
19.7497


 39.1584, 30.5356,
19.7497


 35.8349, 25.6434,
13.2323


 43.2725, 36.5358,
27.9899


 33.2488, 21.7870,
8.3139


 48.2211, 43.7011,
38.0617


 31.3439, 18.8927,
4.8564


 54.0479, 52.0905,
50.0667


 30.0548, 16.8753,
2.6981


 60.7925, 61.7575,
64.0987

 29.2991, 15.6329,
1.6168

 68.4925, 72.7524,
80.2455

 29.1811, 15.4407,
1.4423

 77.1830, 85.1228,
98.5895

 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



41.0825, 30.5356, 32.5757



39.1584, 30.5356, 19.7497



34.4743, 30.5356, 12.9728

Triad

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



39.1584, 30.5356, 19.7497



20.6188, 30.5356, 20.5899



29.2602, 30.5356, 74.2342

Complementary

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



39.1584, 30.5356, 19.7497



42.1492, 53.7488, 74.4827

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.



24.1793, 30.5356, 67.9879



39.1584, 30.5356, 19.7497



19.5900, 30.5356, 33.9297

Square

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



39.1584, 30.5356, 19.7497



23.8186, 30.5356, 13.3376



20.8076, 30.5356, 51.8141



34.9356, 30.5356, 66.9030

Rectangle

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



39.1584, 30.5356, 19.7497



30.6776, 30.5356, 11.2327



20.8076, 30.5356, 51.8141



27.4293, 30.5356, 73.6419

Sweetspot

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



39.1592, 30.5372, 19.7503



80.3825, 79.0238, 78.2416



46.4808, 31.5603, 64.1802



16.7726, 16.2937, 15.8490



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.



39.1592, 30.5372, 19.7503



51.1972, 36.7016, 19.0379



47.2160, 46.6509, 22.4359



13.1563, 13.2519, 13.5900



17.5177, 9.3210, 0.8758



1.1701, 0.6744, 0.0685

Inverse Universe

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



42.1492, 53.7488, 74.4827



55.8973, 73.4333, 105.8357



31.7080, 32.8666, 71.0024



13.3322, 14.6042, 16.7683



19.5910, 27.0515, 43.9273



1.3010, 1.8161, 2.8564

Previews

White Background



This preview shows how the XYZ color 39.1584, 30.5356, 19.7497 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 39.1584, 30.5356, 19.7497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

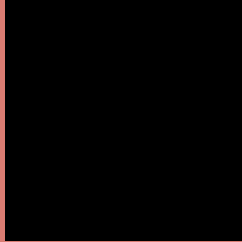
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1584, 30.5356, 19.7497

Background



This preview shows how black text looks on a background with the XYZ color 39.1584, 30.5356, 19.7497.



This preview shows how white text looks on a background with the XYZ color 39.1584, 30.5356,

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

39.1584, 30.5356, 19.7497

Protanopia

28.9703, 30.6900, 24.1355

Deuteranopia

31.1478, 30.5373, 19.0045



Tritanopia

40.2022, 30.5908, 24.9048

Trichromacy



Original Color

39.1584, 30.5356, 19.7497

Protanomaly

31.8601, 30.1582, 22.5543

Deuteranomaly

33.8072, 30.3765, 19.1203

Tritanomaly

39.9345, 30.6812, 22.8861

Monochromacy



Original Color

39.1584, 30.5356, 19.7497

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.7915, 29.9987, 28.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1584, 30.5356, 19.7497 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(218, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(218, 124, 114)  
}
```

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(218, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 124, 114) }
```

Border

The CSS property to change the border of an element to XYZ 39.1584, 30.5356, 19.7497 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(218, 124, 114) }
```


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

```
.border{ border-color:rgb(218, 124, 114) }
```

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

Here you see how a box with a 4 pixel rgb(218, 124, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(218, 124,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1584, 30.5356, 19.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 124, 114) }
```

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

```
.background{ background-color: rgb(218,  
124, 114) }
```

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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