

Converting Colors

XYZ(41.6249, 32.9376, 20.9933)

Have a look what the booklet for
XYZ(41.6249, 32.9376, 20.9933)
contains.

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Color

**XYZ(41.6249, 32.9376,
20.9933)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8275
RGB	223, 130, 117
RGB Percent	87%, 51%, 46%
CMY	0.1255, 0.4902, 0.5412
CMYK	0.00, 0.42, 0.48, 0.13
HSL	7°, 62%, 67%
HSV	7°, 48%, 87%
XYZ	41.6249, 32.9376, 20.9933
YIQ	156.3250, 59.6010, 15.6730

Conversions

Conversions Part 2

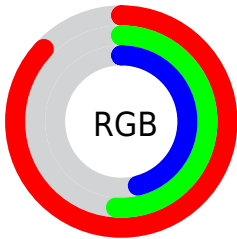
Format	Color
R _Y B	223, 132, 117
Decimal	14647925
CIE Lab	64.11, 34.40, 22.58
CIE LCh	64, 41.147, 33.283
Yxy	32.9376, 0.4356, 0.3447
Android (android.graphics.Color)	4292838005 (0xFFDF8275)
YUV	156.3250, -19.3872, 58.4740
Hunter-Lab	57.3913, 29.0282, 18.4861

Details

The XYZ color **41.6249, 32.9376, 20.9933** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7006, 55.1999, 78.1631**, and the grayscale version is **31.8113, 33.4679, 36.4466**.

A 20% lighter version of the original color is **65.5419, 58.4056, 45.3551**, and **19.1800, 13.9141, 7.3050** is the 20% darker color. If you saturate the color by 10%, you get **38.1071, 27.7563, 14.1044**, and if you desaturate by 10%, it is **45.9514, 39.2366, 29.6931**.

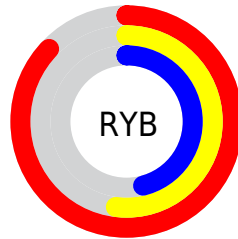
Distribution



Red (87%)

Green (51%)

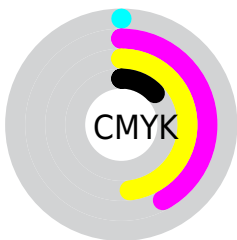
Blue (46%)



Red (87%)

Yellow (52%)

Blue (46%)

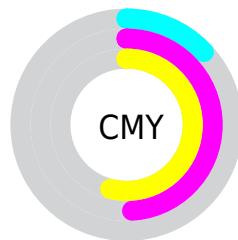


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6249, 32.9376, 20.9933 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 41.6249, 32.9376, 20.9933 by changing the saturation by 10% instead.


 41.6249, 32.9376,
20.9933


 41.6249, 32.9376,
20.9933

343.9438,
315.3685, 270.0228


 28.9975, 22.0786,
12.9279


 76.9003, 64.2781,
45.9570

 19.2232, 13.9147,
7.2488


 100.2791, 85.5284,
63.6924

 11.9366, 8.0614,
3.5374


 127.9724,
111.0113, 85.4883

 6.7724, 4.1342,
1.3751

160.3455,
141.1112, 111.7631

 3.3653, 1.7489,
0.1222

197.7639,
176.2125, 142.9354

 1.3497, 0.4550,
0.0000

240.5928,

 0.2200, 0.0000,

216.6995, 179.4238

0.0000

289.1976,
262.9567, 221.6467

■ 0.0000, 0.0000,
0.0000

■ 41.6249, 32.9376,
20.9933

■ 41.6249, 32.9376,
20.9933

■ 38.1071, 27.7563,
14.1044

■ 45.9514, 39.2366,
29.6931

■ 35.3448, 23.6225,
8.8964

■ 51.1304, 46.7083,
40.3174

■ 33.2825, 20.4657,
5.2252


■ 57.2053, 55.4099,
52.9730


■ 31.8554, 18.2046,
2.9210


■ 64.2161, 65.3935,
67.7581

■ 30.9830, 16.7431,
1.7567

■ 72.2000, 76.7082,
84.7646

 30.8316, 16.4884,
1.5576

 81.1925, 89.4005,
104.0789

 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



43.8612, 32.9376, 34.0593



41.6249, 32.9376, 20.9933



36.6121, 32.9376, 14.1764

Triad

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



41.6249, 32.9376, 20.9933



22.3359, 32.9376, 23.2972



31.9514, 32.9376, 78.3228

Complementary

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



41.6249, 32.9376, 20.9933



43.7006, 55.1999, 78.1631

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.



26.5394, 32.9376, 72.7870



41.6249, 32.9376, 20.9933



21.4096, 32.9376, 37.7302

Square

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



41.6249, 32.9376, 20.9933



25.5575, 32.9376, 15.1881



22.8515, 32.9376, 56.4845



37.8581, 32.9376, 69.8844

Rectangle

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



41.6249, 32.9376, 20.9933



32.6336, 32.9376, 12.5208



22.8515, 32.9376, 56.4845



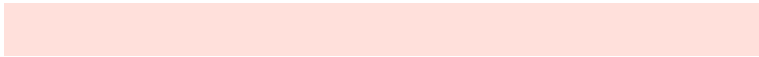
30.0153, 32.9376, 78.0413

Sweetspot

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



41.6257, 32.9393, 20.9939



80.6355, 79.5299, 78.3259



48.5046, 33.0955, 65.2187



16.8333, 16.4151, 15.8692



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.



41.6257, 32.9393, 20.9939



51.6875, 37.6822, 19.2013



50.4454, 50.5786, 23.9338



13.8421, 13.9701, 14.2737



18.1723, 9.7825, 0.9304



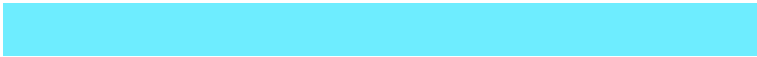
1.3048, 0.7684, 0.0796

Inverse Universe

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



43.7006, 55.1999, 78.1631



54.7693, 71.1773, 105.4597



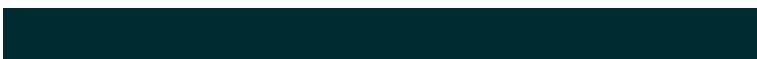
32.8199, 33.4386, 74.5362



13.9656, 15.2702, 17.5991



19.4469, 26.3634, 45.1121



1.3888, 1.9091, 3.1405

Previews

White Background



This preview shows how the XYZ color 41.6249, 32.9376, 20.9933 looks on a white background.

Color Contrast Check

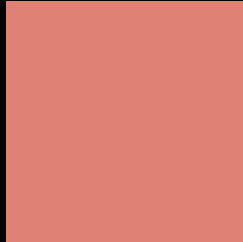
Large Text (above 18pt) WCAG AA × Fail

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 41.6249, 32.9376, 20.9933 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 41.6249, 32.9376, 20.9933

Background



This preview shows how black text looks on a background with the XYZ color 41.6249, 32.9376, 20.9933.



This preview shows how white text looks on a background with the XYZ color 41.6249, 32.9376,

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

41.6249, 32.9376, 20.9933

Protanopia

31.2008, 33.0270, 25.4993

Deuteranopia

33.7357, 33.0014, 20.2146



Tritanopia

43.0846, 32.9639, 27.3844

Trichromacy



Original Color

41.6249, 32.9376, 20.9933

Protanomaly

34.2303, 32.4775, 23.8667

Deuteranomaly

36.2635, 32.7030, 20.3206

Tritanomaly

42.4221, 32.8706, 24.8777

Monochromacy



Original Color

41.6249, 32.9376, 20.9933

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.1386, 32.5237, 30.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6249, 32.9376, 20.9933 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(223, 130, 117)` looks like.

```
.text, #text, p{  
    color:rgb(223, 130, 117)  
}
```

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(223, 130, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 130, 117) }
```

Border

The CSS property to change the border of an element to XYZ 41.6249, 32.9376, 20.9933 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(223, 130, 117) }
```


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

```
.border{ border-color:rgb(223, 130, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 130, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 130, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 130, 117);  
box-shadow:4px 4px 4px 4px rgb(223, 130,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6249, 32.9376, 20.9933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 130, 117) }
```

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

```
.background{ background-color: rgb(223,  
130, 117) }
```

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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