

Converting Colors

XYZ(36.2374, 24.6704, 20.2967)

Have a look what the booklet for
XYZ(36.2374, 24.6704, 20.2967)
contains.

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Color

**XYZ(36.2197, 24.6330,
20.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	D96177
RGB	217, 97, 119
RGB Percent	85%, 38%, 47%
CMY	0.1490, 0.6196, 0.5333
CMYK	0.00, 0.55, 0.45, 0.15
HSL	349°, 61%, 62%
HSV	349°, 55%, 85%
XYZ	36.2197, 24.6330, 20.2984
YIQ	135.3880, 64.4580, 32.2820

Conversions

Conversions Part 2

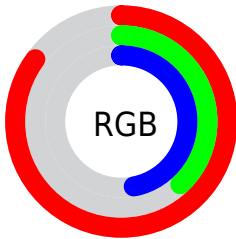
Format	Color
R_{YB}	217, 97, 119
Decimal	14246263
CIE _{Lab}	56.72, 49.07, 11.12
CIE _{LCh}	57, 50.311, 12.770
Yxy	24.6330, 0.4463, 0.3035
Android (android.graphics.Color)	4292436343 (0xFFD96177)
YUV	135.3880, -8.0793, 71.5737
Hunter-Lab	49.6316, 43.4086, 10.4937

Details

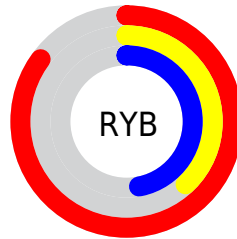
The XYZ color **36.2197, 24.6330, 20.2984** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5943, 56.1077, 60.3765**, and the grayscale version is **23.1865, 24.3940, 26.5650**.

A 20% lighter version of the original color is **59.6573, 46.3335, 44.3271**, and **16.0658, 9.3800, 6.9250** is the 20% darker color. If you saturate the color by 10%, you get **33.5148, 20.7706, 14.6262**, and if you desaturate by 10%, it is **39.6727, 29.6739, 27.1996**.

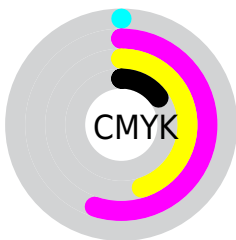
Distribution



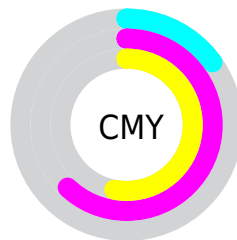
- Red (85%)
- Green (38%)
- Blue (47%)



- Red (85%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (45%)
- Black (15%)





- Cyan (15%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2197, 24.6330, 20.2984 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 36.2197, 24.6330, 20.2984 by changing the saturation by 10% instead.

 36.2197, 24.6330,
20.2984


 36.2197, 24.6330,
20.2984

321.3343,
276.0053, 266.1835


 24.7748, 15.8038,
12.4259


 68.6927, 51.0612,
44.7824


 16.0372, 9.3855,
6.9084


 90.4515, 69.4291,
62.2311

 9.6415, 4.9934,
3.3273


 116.3790, 91.7453,
83.7088

 5.2223, 2.2434,
1.2641

 146.8406,
118.3942, 109.6343

 2.4144, 0.7435,
0.0321

182.2015,
149.7603, 140.4259

 0.8523, 0.0000,
0.0000

222.8272,

 0.0000, 0.0000,

186.2279, 176.5023

0.0000

269.0830,
228.1814, 218.2819

■ 36.2197, 24.6330,
20.2984

■ 36.2197, 24.6330,
20.2984

■ 33.5148, 20.7706,
14.6262

■ 39.6727, 29.6739,
27.1996

■ 31.4990, 17.9867,
10.1081

■ 43.9228, 35.9750,
35.3958

■ 30.1076, 16.1711,
6.6629

■ 49.0169, 43.6151,
44.9496

■ 29.2617, 15.1876,
4.1975

■ 54.9979, 52.6655,
55.9195

■ 28.9943, 14.9033,
3.3358

■ 61.9056, 63.1923,
68.3601

■ 69.7774, 75.2577,
82.3233

■ 78.6486, 88.9201,
97.8585

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



35.9168, 24.6330, 37.5675



36.2197, 24.6330, 20.2984



32.7029, 24.6330, 10.3271

Triad

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



36.2197, 24.6330, 20.2984



16.5611, 24.6330, 9.4149



20.2296, 24.6330, 70.9921

Complementary

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



36.2197, 24.6330, 20.2984



39.5943, 56.1077, 60.3765

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.



16.0734, 24.6330, 55.2650



36.2197, 24.6330, 20.2984



14.2110, 24.6330, 18.3486

Square

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



36.2197, 24.6330, 20.2984



21.0082, 24.6330, 6.0471



14.0488, 24.6330, 34.6100



25.9945, 24.6330, 72.2439

Rectangle

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



36.2197, 24.6330, 20.2984



28.9599, 24.6330, 7.1364



14.0488, 24.6330, 34.6100



18.6237, 24.6330, 66.9951

Sweetspot

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



36.2203, 24.6343, 20.2988



77.5608, 73.3181, 77.4936



39.3056, 25.1627, 68.4307



16.2151, 15.1079, 15.8816



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.



36.2203, 24.6343, 20.2988



47.8672, 29.3252, 20.1364



39.4378, 32.9441, 15.5913



13.1530, 13.0903, 14.0671



17.5799, 9.0330, 2.1680



1.1683, 0.5970, 0.2952

Inverse Universe

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



36.2203, 24.6343, 20.2988



47.8672, 29.3252, 20.1364



33.5754, 39.7925, 71.5565



13.1530, 13.0903, 14.0671



17.5799, 9.0330, 2.1680



1.1683, 0.5970, 0.2952

Previews

White Background



This preview shows how the XYZ color 36.2197, 24.6330, 20.2984 looks on a white background.

Color Contrast Check

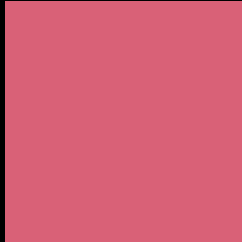
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2197, 24.6330, 20.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

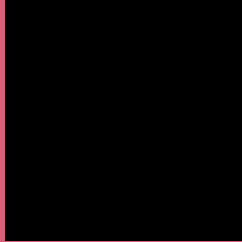
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2197, 24.6330, 20.2984

Background



This preview shows how black text looks on a background with the XYZ color 36.2197, 24.6330, 20.2984.



This preview shows how white text looks on a background with the XYZ color 36.2197, 24.6330,

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

36.2197, 24.6330, 20.2984

Protanopia

24.0190, 24.9050, 28.3522

Deuteranopia

25.2541, 24.7166, 19.3593



Tritanopia

35.3823, 24.5632, 16.5120

Trichromacy



Original Color

36.2197, 24.6330, 20.2984

Protanomaly

27.0607, 23.8005, 24.9975

Deuteranomaly

28.3396, 24.0383, 19.6692

Tritanomaly

35.5558, 24.4820, 17.8904

Monochromacy



Original Color

36.2197, 24.6330, 20.2984

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.3169, 23.2591, 23.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2197, 24.6330, 20.2984 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(217, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 97, 119)  
}
```

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(217, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 97, 119) }
```

Border

The CSS property to change the border of an element to XYZ 36.2197, 24.6330, 20.2984 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(217, 97, 119) }
```


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

```
.border{ border-color:rgb(217, 97, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 97, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 97,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2197, 24.6330, 20.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 97, 119) }
```

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

```
.background{ background-color: rgb(217, 97,  
119) }
```

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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