

Converting Colors

XYZ(32.2459, 21.2293, 16.1137)

Have a look what the booklet for
XYZ(32.2459, 21.2293, 16.1137)
contains.

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Color

**XYZ(32.2238, 21.2515,
16.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	D1566A
RGB	209, 86, 106
RGB Percent	82%, 34%, 42%
CMY	0.1804, 0.6627, 0.5843
CMYK	0.00, 0.59, 0.49, 0.18
HSL	350°, 57%, 58%
HSV	350°, 59%, 82%
XYZ	32.2238, 21.2515, 16.0392
YIQ	125.0570, 66.8880, 32.2960

Conversions

Conversions Part 2

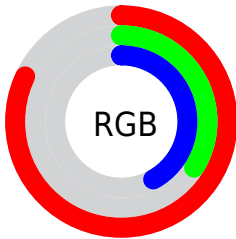
Format	Color
R_{YB}	209, 86, 106
Decimal	13719146
CIE _{Lab}	53.22, 50.27, 13.73
CIE _{LCh}	53, 52.107, 15.272
Yxy	21.2515, 0.4636, 0.3057
Android (android.graphics.Color)	4291909226 (0xFFD1566A)
YUV	125.0570, -9.3951, 73.6180
Hunter-Lab	46.0993, 44.0990, 11.6410

Details

The XYZ color **32.2238, 21.2515, 16.0392** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **35.8249, 51.2540, 56.1527**, and the grayscale version is **19.5279, 20.5448, 22.3733**.

A 20% lighter version of the original color is **56.7039, 42.4505, 37.1034**, and **13.8065, 7.6785, 4.8921** is the 20% darker color. If you saturate the color by 10%, you get **29.9730, 18.0611, 11.2474**, and if you desaturate by 10%, it is **35.1492, 25.4940, 21.9727**.

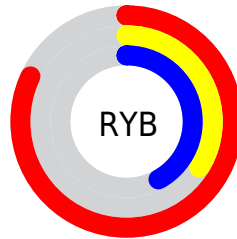
Distribution



Red (82%)

Green (34%)

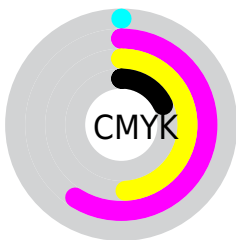
Blue (42%)



Red (82%)

Yellow (34%)

Blue (42%)

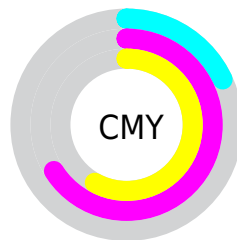


Cyan (0%)

Magenta (59%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2238, 21.2515, 16.0392 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 32.2238, 21.2515, 16.0392 by changing the saturation by 10% instead.

■ 32.2238, 21.2515,
16.0392

■ 32.2238, 21.2515,
16.0392

303.8647,
258.6121, 241.4265

■ 21.6889, 13.3080,
9.3972

■ 62.5246, 45.5057,
37.4340

■ 13.7438, 7.6410,
4.9008

■ 83.0212, 62.5852,
53.0239

■ 8.0232, 3.8661,
2.1315

■ 107.5690, 83.4788,
72.4335

■ 4.1617, 1.5989,
0.6344

■ 136.5335,
108.5709, 96.0814

■ 1.7940, 0.3569,
0.0000

170.2799,
138.2458, 124.3861

■ 0.5141, 0.0000,
0.0000

209.1737,

■ 0.0000, 0.0000,

172.8881, 157.7662

0.0000

253.5802,
212.8820, 196.6401

■ 32.2238, 21.2515,
16.0392

■ 32.2238, 21.2515,
16.0392

■ 29.9730, 18.0611,
11.2474

■ 35.1492, 25.4940,
21.9727

■ 28.3400, 15.8270,
7.5217

■ 38.7966, 30.8667,
29.1146

■ 27.2610, 14.4419,
4.7787

■ 43.2110, 37.4438,
37.5275

■ 26.6388, 13.7348,
2.9154

■ 48.4332, 45.2927,
47.2695

■ 26.5828, 13.6706,
2.7490

■ 54.5010, 54.4755,
58.3951

■ 61.4499, 65.0504,
70.9557

■ 69.3133, 77.0719,
84.9999

■ 78.1229, 90.5918,
100.5741

■ 80.1044, 92.2953,
108.2006

Harmonies

Analogous

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



32.2593, 21.2515, 31.7309



32.2238, 21.2515, 16.0392



28.5988, 21.2515, 7.5957

Triad

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



32.2238, 21.2515, 16.0392



13.5749, 21.2515, 7.6930



17.6263, 21.2515, 66.5684

Complementary

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



32.2238, 21.2515, 16.0392



35.8249, 51.2540, 56.1527

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.



13.6295, 21.2515, 52.0399



32.2238, 21.2515, 16.0392



11.5956, 21.2515, 16.2580

Square

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



32.2238, 21.2515, 16.0392



17.5378, 21.2515, 4.4876



11.6136, 21.2515, 32.0754



23.1165, 21.2515, 66.4178

Rectangle

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



32.2238, 21.2515, 16.0392



24.9568, 21.2515, 5.0848



11.6136, 21.2515, 32.0754



16.0878, 21.2515, 63.0261

Sweetspot

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



32.2243, 21.2526, 16.0396



76.5324, 71.8970, 75.1907



35.6997, 22.0153, 62.6892



15.8308, 14.5594, 15.0751



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.



32.2243, 21.2526, 16.0396



46.1528, 27.1378, 15.7380



35.5644, 29.4073, 12.6074



11.8860, 11.8391, 12.6755



16.4144, 8.4386, 1.8224



0.9428, 0.4818, 0.2338

Inverse Universe

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



32.2243, 21.2526, 16.0396



46.1528, 27.1378, 15.7380



29.3501, 34.5883, 65.4507



11.8860, 11.8391, 12.6755



16.4144, 8.4386, 1.8224



0.9428, 0.4818, 0.2338

Previews

White Background



This preview shows how the XYZ color 32.2238, 21.2515, 16.0392 looks on a white background.

Color Contrast Check

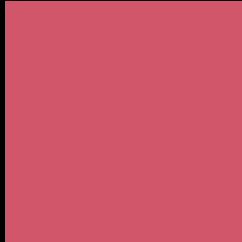
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2238, 21.2515, 16.0392 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 32.2238, 21.2515, 16.0392

Background



This preview shows how black text looks on a background with the XYZ color 32.2238, 21.2515, 16.0392.



This preview shows how white text looks on a background with the XYZ color 32.2238, 21.2515,

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

32.2238, 21.2515, 16.0392

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.7776, 21.4756, 15.0540



Tritanopia

31.5225, 21.1975, 13.0198

Trichromacy



Original Color

32.2238, 21.2515, 16.0392

Protanomaly

23.4220, 20.2912, 20.1349

Deuteranomaly

24.7688, 20.7691, 15.2738

Tritanomaly

31.6252, 21.1081, 13.9627

Monochromacy



Original Color

32.2238, 21.2515, 16.0392

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.6648, 19.7448, 19.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2238, 21.2515, 16.0392 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(209, 86, 106)` looks like.

```
.text, #text, p{  
    color:rgb(209, 86, 106)  
}
```

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(209, 86, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 86, 106) }
```

Border

The CSS property to change the border of an element to XYZ 32.2238, 21.2515, 16.0392 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(209, 86, 106) }
```


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

```
.border{ border-color:rgb(209, 86, 106) }
```

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

Here you see how a box with a 4 pixel rgb(209, 86, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 86, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 86, 106);  
box-shadow:4px 4px 4px 4px rgb(209, 86,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2238, 21.2515, 16.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 86, 106) }
```

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

```
.background{ background-color: rgb(209, 86,  
106) }
```

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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