

Converting Colors

XYZ(32.4409, 21.9712, 14.7626)

Have a look what the booklet for
XYZ(32.4409, 21.9712, 14.7626)
contains.

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Color

**XYZ(32.3845, 21.9771,
14.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	D15B65
RGB	209, 91, 101
RGB Percent	82%, 36%, 40%
CMY	0.1804, 0.6431, 0.6039
CMYK	0.00, 0.56, 0.52, 0.18
HSL	355°, 56%, 59%
HSV	355°, 56%, 82%
XYZ	32.3845, 21.9771, 14.8471
YIQ	127.4220, 67.1180, 28.1260

Conversions

Conversions Part 2

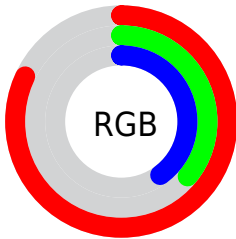
Format	Color
R_{YB}	209, 91, 101
Decimal	13720421
CIE _{Lab}	54.00, 47.49, 17.75
CIE _{LCh}	54, 50.697, 20.498
Yxy	21.9771, 0.4679, 0.3175
Android (android.graphics.Color)	4291910501 (0xFFD15B65)
YUV	127.4220, -13.0260, 71.5439
Hunter-Lab	46.8797, 41.2682, 14.0383

Details

The XYZ color **32.3845, 21.9771, 14.8471** 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 **37.4249, 51.9489, 62.0912**, and the grayscale version is **20.3461, 21.4057, 23.3108**.

A 20% lighter version of the original color is **57.0329, 43.7778, 35.1498**, and **13.8744, 8.0121, 4.3053** is the 20% darker color. If you saturate the color by 10%, you get **30.0093, 18.5562, 9.9570**, and if you desaturate by 10%, it is **35.4764, 26.4824, 21.0527**.

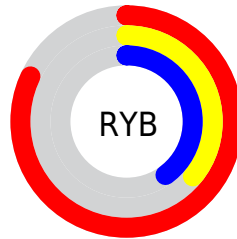
Distribution



Red (82%)

Green (36%)

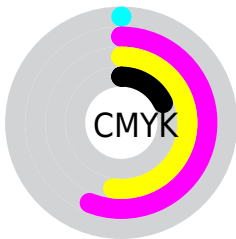
Blue (40%)



Red (82%)

Yellow (36%)

Blue (40%)

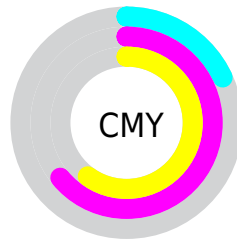


Cyan (0%)

Magenta (56%)

Yellow (52%)

Black (18%)



Cyan (18%)


Magenta (64%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3845, 21.9771, 14.8471 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 32.3845, 21.9771, 14.8471 by changing the saturation by 10% instead.


 32.3845, 21.9771,
14.8471


 32.3845, 21.9771,
14.8471


304.5813,
262.4267, 234.0477


 21.8123, 13.8401,
8.5667


 62.7745, 46.7081,
35.3232


 13.8349, 8.0095,
4.3667


 83.3231, 64.0710,
50.3560

 8.0869, 4.1010,
1.8286


 107.9278, 85.2778,
69.1434

 4.2028, 1.7302,
0.4467

 136.9540,
110.7131, 92.1039

 1.8175, 0.4431,
0.0000

170.7671,
140.7613, 119.6561

 0.5282, 0.0000,
0.0000

209.7325,

 0.0000, 0.0000,

175.8066, 152.2184

0.0000

254.2154,
216.2336, 190.2094

■ 32.3845, 21.9771,
14.8471

■ 32.3845, 21.9771,
14.8471

■ 30.0093, 18.5562,
9.9570

■ 35.4764, 26.4824,
21.0527

■ 28.2913, 16.1252,
6.2862

■ 39.3348, 32.1493,
28.6583

■ 27.1643, 14.5793,
3.7271

■ 44.0069, 39.0520,
37.7426

■ 26.5446, 13.7840,
2.1522

■ 49.5357, 47.2576,
48.3781

■ 26.4011, 13.5979,
1.7927

■ 55.9612, 56.8283,
60.6328

■ 63.3208, 67.8223,
74.5702

■ 71.6498, 80.2945,
90.2508

■ 79.9500, 92.2335,
107.3881

■ 80.1043, 92.2952,
108.2006

Harmonies

Analogous

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



33.0890, 21.9771, 29.2605



32.3845, 21.9771, 14.8471



28.3275, 21.9771, 7.3886

Triad

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



32.3845, 21.9771, 14.8471



13.7721, 21.9771, 9.4167



19.1982, 21.9771, 67.6923

Complementary

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



32.3845, 21.9771, 14.8471



37.4249, 51.9489, 62.0912

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.



14.8813, 21.9771, 55.5522



32.3845, 21.9771, 14.8471



12.1298, 21.9771, 19.2886

Square

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



32.3845, 21.9771, 14.8471



17.4143, 21.9771, 5.3398



12.4969, 21.9771, 36.1178



24.7967, 21.9771, 64.7449

Rectangle

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



32.3845, 21.9771, 14.8471



24.6044, 21.9771, 5.2742



12.4969, 21.9771, 36.1178



17.5670, 21.9771, 65.0936

Sweetspot

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



32.3851, 21.9783, 14.8475



77.0032, 73.0950, 74.5570



38.3287, 23.9842, 62.9305



16.0852, 15.0560, 15.1976



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.



32.3851, 21.9783, 14.8475



46.3517, 28.0842, 14.1133



37.3008, 32.5463, 14.2153



11.8488, 11.8243, 12.4796



16.2934, 8.3902, 1.1853



0.9254, 0.4749, 0.1421

Inverse Universe

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



32.3851, 21.9783, 14.8475



46.3517, 28.0842, 14.1133



28.7093, 32.5991, 65.1003



11.8488, 11.8243, 12.4796



16.2934, 8.3902, 1.1853



0.9254, 0.4749, 0.1421

Previews

White Background



This preview shows how the XYZ color 32.3845, 21.9771, 14.8471 looks on a white background.

Color Contrast Check

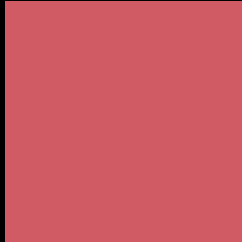
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3845, 21.9771, 14.8471 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 32.3845, 21.9771, 14.8471

Background



This preview shows how black text looks on a background with the XYZ color 32.3845, 21.9771, 14.8471.



This preview shows how white text looks on a background with the XYZ color 32.3845, 21.9771,

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

32.3845, 21.9771, 14.8471

Protanopia

21.0719, 22.1249, 20.9292

Deuteranopia

22.4558, 22.0321, 14.1354



Tritanopia

32.3262, 22.0914, 14.1156

Trichromacy



Original Color

32.3845, 21.9771, 14.8471

Protanomaly

23.8093, 21.0308, 18.4272

Deuteranomaly

25.2324, 21.3544, 14.3472

Tritanomaly

32.3738, 22.1105, 14.3658

Monochromacy



Original Color

32.3845, 21.9771, 14.8471

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.1920, 20.5107, 19.8762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3845, 21.9771, 14.8471 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, 91, 101)` looks like.

```
.text, #text, p{  
    color:rgb(209, 91, 101)  
}
```

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, 91, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 91, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.3845, 21.9771, 14.8471 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, 91, 101) }
```


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

```
.border{ border-color:rgb(209, 91, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 91, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 91, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 91, 101);  
box-shadow:4px 4px 4px 4px rgb(209, 91,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3845, 21.9771, 14.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 91, 101) }
```

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

```
.background{ background-color: rgb(209, 91,  
101) }
```

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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