

Converting Colors

XYZ(32.4610, 22.2849, 14.3949)

Have a look what the booklet for
XYZ(32.4610, 22.2849, 14.3949)
contains.

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Color

**XYZ(32.4610, 22.2849,
14.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	D15D63
RGB	209, 93, 99
RGB Percent	82%, 36%, 39%
CMY	0.1804, 0.6353, 0.6118
CMYK	0.00, 0.55, 0.53, 0.18
HSL	357°, 56%, 59%
HSV	357°, 55%, 82%
XYZ	32.4610, 22.2849, 14.3949
YIQ	128.3680, 67.2100, 26.4580

Conversions

Conversions Part 2

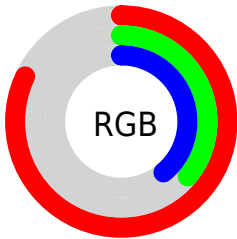
Format	Color
R_{YB}	209, 93, 99
Decimal	13720931
CIE Lab	54.33, 46.36, 19.37
CIE LCh	54, 50.244, 22.676
Yxy	22.2849, 0.4695, 0.3223
Android (android.graphics.Color)	4291911011 (0xFFD15D63)
YUV	128.3680, -14.4784, 70.7143
Hunter-Lab	47.2069, 40.1304, 14.9654

Details

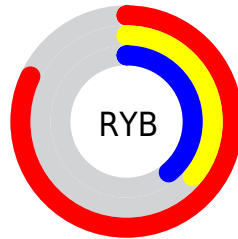
The XYZ color **32.4610, 22.2849, 14.3949** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **38.0955, 52.2404, 64.5793**, and the grayscale version is **20.6789, 21.7558, 23.6920**.

A 20% lighter version of the original color is **57.1787, 44.3294, 34.3970**, and **13.9458, 8.1921, 4.2144** is the 20% darker color. If you saturate the color by 10%, you get **30.0366, 18.7710, 9.4717**, and if you desaturate by 10%, it is **35.6203, 26.8966, 20.7105**.

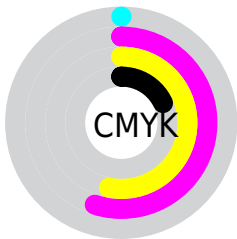
Distribution



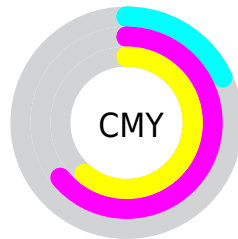
- Red (82%)
- Green (36%)
- Blue (39%)



- Red (82%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4610, 22.2849, 14.3949 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 32.4610, 22.2849, 14.3949 by changing the saturation by 10% instead.

 32.4610, 22.2849,
14.3949


 32.4610, 22.2849,
14.3949


304.9220,
264.0305, 231.1871


 21.8711, 14.0664,
8.2540


 62.8934, 47.2164,
34.5153


 13.8783, 8.1669,
4.1678


 83.4667, 64.6982,
49.3317

 8.1172, 4.2019,
1.7178


 108.0984, 86.0366,
67.8772

 4.2225, 1.7871,
0.3729

 137.1540,
111.6159, 90.5700

 1.8287, 0.4791,
0.0000

170.9988,
141.8205, 117.8289

 0.5349, 0.0000,
0.0000

209.9982,

 0.0000, 0.0000,

177.0349, 150.0724

0.0000

254.5175,
217.6435, 187.7189

■ 32.4610, 22.2849,
14.3949

■ 32.4610, 22.2849,
14.3949

■ 30.0366, 18.7710,
9.4717

■ 35.6203, 26.8966,
20.7105

■ 28.2861, 16.2606,
5.8346

■ 39.5655, 32.6830,
28.5118

■ 27.1417, 14.6495,
3.3639

■ 44.3451, 39.7185,
37.8853

■ 26.5203, 13.8090,
1.9165

■ 50.0032, 48.0702,
48.9105

■ 26.3537, 13.5790,
1.5426

■ 56.5807, 57.8003,
61.6616

■ 64.1160, 68.9673,
76.2082

■ 72.6454, 81.6260,
92.6161

■ 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.



33.4386, 22.2849, 28.3166



32.4610, 22.2849, 14.3949



28.2302, 22.2849, 7.3140

Triad

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



32.4610, 22.2849, 14.3949



13.8613, 22.2849, 10.1859



19.8666, 22.2849, 68.1609

Complementary

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



32.4610, 22.2849, 14.3949



38.0955, 52.2404, 64.5793

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.



15.4155, 22.2849, 57.0221



32.4610, 22.2849, 14.3949



12.3582, 22.2849, 20.6186

Square

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



32.4610, 22.2849, 14.3949



17.3748, 22.2849, 5.7178



12.8736, 22.2849, 37.8491



25.5063, 22.2849, 64.0928

Rectangle

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



32.4610, 22.2849, 14.3949



24.4747, 22.2849, 5.3582



12.8736, 22.2849, 37.8491



18.1971, 22.2849, 65.9509

Sweetspot

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



32.4616, 22.2861, 14.3953



76.8196, 73.0216, 73.5904



39.5828, 24.8879, 63.0390



16.0426, 15.0389, 14.9730



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.



32.4616, 22.2861, 14.3953



46.3968, 28.4139, 13.3899



38.1336, 34.0720, 14.9243



11.8331, 11.8180, 12.3972



16.2600, 8.3769, 1.0096



0.9180, 0.4719, 0.1032

Inverse Universe

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



32.4616, 22.2861, 14.3953



46.3968, 28.4139, 13.3899



28.3763, 31.6366, 64.9323



11.8331, 11.8180, 12.3972



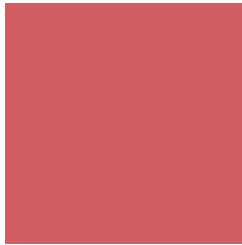
16.2600, 8.3769, 1.0096



0.9180, 0.4719, 0.1032

Previews

White Background



This preview shows how the XYZ color 32.4610, 22.2849, 14.3949 looks on a white background.

Color Contrast Check

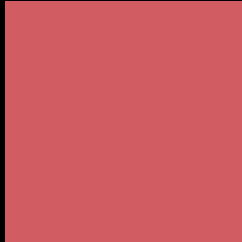
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4610, 22.2849, 14.3949 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 32.4610, 22.2849, 14.3949

Background



This preview shows how black text looks on a background with the XYZ color 32.4610, 22.2849, 14.3949.



This preview shows how white text looks on a background with the XYZ color 32.4610, 22.2849,

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

32.4610, 22.2849, 14.3949

Protanopia

21.3469, 22.4839, 20.0443

Deuteranopia

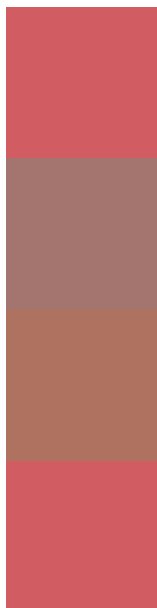
22.8716, 22.4439, 13.7163



Tritanopia

32.4610, 22.2849, 14.3949

Trichromacy



Original Color

32.4610, 22.2849, 14.3949

Protanomaly

24.2800, 21.6349, 17.6481

Deuteranomaly

25.6956, 21.7687, 13.9138

Tritanomaly

32.4610, 22.2849, 14.3949

Monochromacy



Original Color

32.4610, 22.2849, 14.3949

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.2462, 20.7139, 19.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4610, 22.2849, 14.3949 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, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(209, 93, 99)  
}
```

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, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 93, 99) }
```

Border

The CSS property to change the border of an element to XYZ 32.4610, 22.2849, 14.3949 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, 93, 99) }
```


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

```
.border{ border-color:rgb(209, 93, 99) }
```

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

Here you see how a box with a 4 pixel rgb(209, 93, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(209, 93,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4610, 22.2849, 14.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 93, 99) }
```

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

```
.background{ background-color: rgb(209, 93,  
99) }
```

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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