

Converting Colors

XYZ(34.3767, 24.5163, 15.8677)

Have a look what the booklet for
XYZ(34.3767, 24.5163, 15.8677)
contains.

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Color

**XYZ(34.3509, 24.4791,
15.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	D46667
RGB	212, 102, 103
RGB Percent	83%, 40%, 40%
CMY	0.1686, 0.6000, 0.5961
CMYK	0.00, 0.52, 0.51, 0.17
HSL	359°, 56%, 62%
HSV	359°, 52%, 83%
XYZ	34.3509, 24.4791, 15.7464
YIQ	135.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

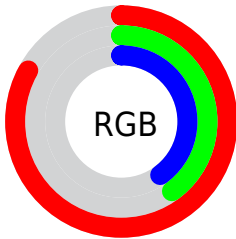
Format	Color
RYB	212, 102, 103
Decimal	13919847
CIELab	56.56, 43.38, 20.13
CIElCh	57, 47.820, 24.897
Yxy	24.4791, 0.4606, 0.3282
Android (android.graphics.Color)	4292109927 (0xFFD46667)
YUV	135.0040, -15.7780, 67.5255
Hunter-Lab	49.4764, 37.3470, 15.7638

Details

The XYZ color **34.3509, 24.4791, 15.7464** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7822, 54.6153, 70.0242**, and the grayscale version is **23.0712, 24.2727, 26.4329**.

A 20% lighter version of the original color is **58.9612, 47.3700, 36.6076**, and **14.9913, 9.3390, 4.7539** is the 20% darker color. If you saturate the color by 10%, you get **31.6020, 20.4623, 10.2651**, and if you desaturate by 10%, it is **37.8986, 29.6698, 22.8012**.

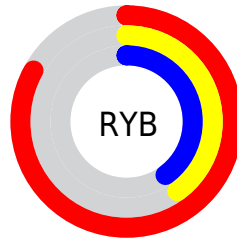
Distribution



Red (83%)

Green (40%)

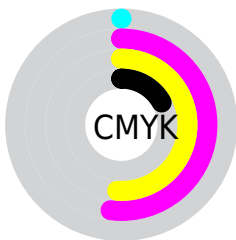
Blue (40%)



Red (83%)

Yellow (40%)

Blue (40%)

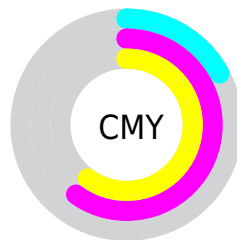


Cyan (0%)

Magenta (52%)

Yellow (51%)

Black (17%)



Cyan (17%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3509, 24.4791, 15.7464 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 34.3509, 24.4791, 15.7464 by changing the saturation by 10% instead.


 34.3509, 24.4791,
15.7464

 34.3509, 24.4791,
15.7464


313.2523,
275.2338, 239.6350


 23.3275, 15.6894,
9.1925


 65.8196, 50.8109,
36.9180

 14.9575, 9.3046,
4.7684


 86.9957, 69.1218,
52.3728

 8.8757, 4.9404,
2.0557


 112.2866, 91.3752,
71.6316

 4.7167, 2.2123,
0.5892

 142.0578,
117.9555, 95.1130

 2.1150, 0.7267,
0.0000

176.6746,
149.2471, 123.2355

 0.6974, 0.0000,
0.0000

216.5024,

 0.0000, 0.0000,

185.6345, 156.4176

0.0000

261.9065,
227.5019, 195.0779

■ 34.3509, 24.4791,
15.7464

■ 34.3509, 24.4791,
15.7464

■ 31.6020, 20.4623,
10.2651

■ 37.8986, 29.6698,
22.8012

■ 29.5884, 17.5244,
6.2357

■ 42.2984, 36.1119,
31.5361

■ 28.2400, 15.5624,
3.5207

■ 47.6014, 43.8808,
42.0499

■ 27.4722, 14.4512,
1.9560

■ 53.8539, 53.0451,
54.4334

■ 27.1617, 14.0012,
1.3259

■ 61.0992, 63.6682,
68.7711

■ 69.3778, 75.8101,
85.1425

■ 78.7280, 89.5271,
103.6227

■ 80.9612, 92.7370,
108.2407

Harmonies

Analogous

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



35.5967, 24.4791, 29.4655



34.3509, 24.4791, 15.7464



29.9586, 24.4791, 8.6535

Triad

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



34.3509, 24.4791, 15.7464



15.5825, 24.4791, 12.6585



22.3303, 24.4791, 70.1548

Complementary

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



34.3509, 24.4791, 15.7464



40.7822, 54.6153, 70.0242

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.



17.6537, 24.4791, 60.2911



34.3509, 24.4791, 15.7464



14.1739, 24.4791, 24.0265

Square

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



34.3509, 24.4791, 15.7464



19.0570, 24.4791, 7.4319



14.8672, 24.4791, 41.7014



28.0546, 24.4791, 65.0978

Rectangle

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



34.3509, 24.4791, 15.7464



26.1594, 24.4791, 6.6959



14.8672, 24.4791, 41.7014



20.5954, 24.4791, 68.3884

Sweetspot

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



34.3515, 24.4804, 15.7468



77.5476, 74.3386, 74.2613



43.2614, 27.9836, 65.4082



16.1778, 15.2950, 15.0619



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.



34.3515, 24.4804, 15.7468



47.7256, 30.6790, 15.0429



41.2995, 38.4558, 17.8182



12.4278, 12.4226, 12.9270



16.7704, 8.6445, 0.8290



1.0131, 0.5220, 0.0586

Inverse Universe

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



34.3515, 24.4804, 15.7468



47.7256, 30.6790, 15.0429



29.7339, 32.3187, 66.9580



12.4278, 12.4226, 12.9270



16.7704, 8.6445, 0.8290



1.0131, 0.5220, 0.0586

Previews

White Background



This preview shows how the XYZ color 34.3509, 24.4791, 15.7464 looks on a white background.

Color Contrast Check

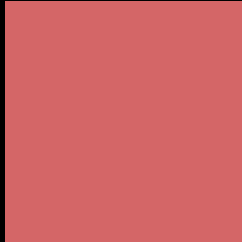
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3509, 24.4791, 15.7464 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 34.3509, 24.4791, 15.7464

Background



This preview shows how black text looks on a background with the XYZ color 34.3509, 24.4791, 15.7464.



This preview shows how white text looks on a background with the XYZ color 34.3509, 24.4791,

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

34.3509, 24.4791, 15.7464

Protanopia

23.4616, 24.7799, 20.9992

Deuteranopia

25.0875, 24.5285, 14.9675



Tritanopia

34.5118, 24.3871, 17.0756

Trichromacy



Original Color

34.3509, 24.4791, 15.7464

Protanomaly

26.3367, 23.9324, 18.8541

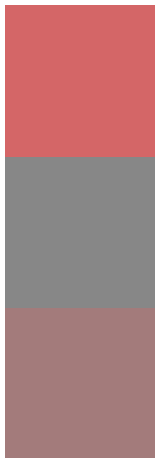
Deuteranomaly

27.8391, 24.0563, 15.2326

Tritanomaly

34.4066, 24.3450, 16.5213

Monochromacy



Original Color

34.3509, 24.4791, 15.7464

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.7624, 23.3825, 21.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3509, 24.4791, 15.7464 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(212, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 103)  
}
```

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(212, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 34.3509, 24.4791, 15.7464 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(212, 102, 103) }
```


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

```
.border{ border-color:rgb(212, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3509, 24.4791, 15.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 103) }
```

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

```
.background{ background-color: rgb(212,  
102, 103) }
```

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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