

Converting Colors

XYZ(36.4029, 25.9791, 14.9815)

Have a look what the booklet for
XYZ(36.4029, 25.9791, 14.9815)
contains.

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Color

**XYZ(36.5171, 26.0641,
14.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6963
RGB	219, 105, 99
RGB Percent	86%, 41%, 39%
CMY	0.1412, 0.5882, 0.6118
CMYK	0.00, 0.52, 0.55, 0.14
HSL	3°, 62%, 62%
HSV	3°, 55%, 86%
XYZ	36.5171, 26.0641, 14.9106
YIQ	138.4020, 69.8700, 22.3020

Conversions

Conversions Part 2

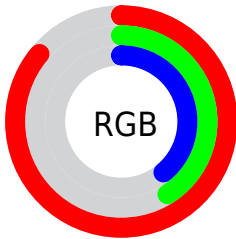
Format	Color
R_{YB}	219, 105, 99
Decimal	14379363
CIE Lab	58.10, 44.10, 24.67
CIE LCh	58, 50.530, 29.220
Yxy	26.0641, 0.4712, 0.3363
Android (android.graphics.Color)	4292569443 (0xFFDB6963)
YUV	138.4020, -19.4252, 70.6844
Hunter-Lab	51.0530, 38.3344, 18.4208

Details

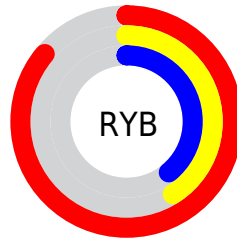
The XYZ color **36.5171, 26.0641, 14.9106** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.7243, 55.3521, 75.5024**, and the grayscale version is **24.3652, 25.6341, 27.9156**.

A 20% lighter version of the original color is **59.1432, 48.2583, 35.0518**, and **16.1910, 10.1651, 4.3575** is the 20% darker color. If you saturate the color by 10%, you get **33.7425, 21.9695, 9.5020**, and if you desaturate by 10%, it is **40.0951, 31.3115, 21.9878**.

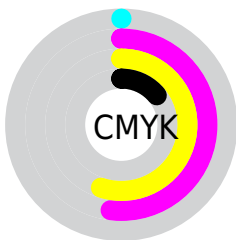
Distribution



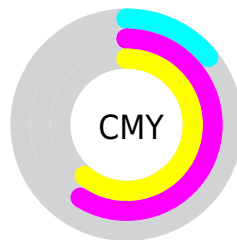
- Red (86%)
- Green (41%)
- Blue (39%)



- Red (86%)
- Yellow (41%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (14%)





- Cyan (14%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5171, 26.0641, 14.9106 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 36.5171, 26.0641, 14.9106 by changing the saturation by 10% instead.


 36.5171, 26.0641,
14.9106


 36.5171, 26.0641,
14.9106


322.6070,
283.0966, 234.4466


 25.0058, 16.8716,
8.6107


 69.1481, 53.3783,
35.4364

 16.2101, 10.1430,
4.3948


 90.9985, 72.2689,
50.4993

 9.7647, 5.4939,
1.8444


 117.0260, 95.1609,
69.3204

 5.3043, 2.5398,
0.4570

 147.5959,
122.4387, 92.3182

 2.4635, 0.8965,
0.0000

183.0736,
154.4868, 119.9111

 0.8769, 0.0000,
0.0000

223.8245,

 0.0000, 0.0000,

191.6896, 152.5178

0.0000

270.2138,
234.4314, 190.5568

■ 36.5171, 26.0641,
14.9106

■ 36.5171, 26.0641,
14.9106

■ 33.7425, 21.9695,
9.5020

■ 40.0951, 31.3115,
21.9878

■ 31.7074, 18.9372,
5.6238

■ 44.5300, 37.7850,
30.8538

■ 30.3413, 16.8700,
3.1181

■ 49.8731, 45.5568,
41.6194

■ 29.5590, 15.6510,
1.7919

■ 56.1709, 54.6923,
54.3860

■ 29.3325, 15.2984,
1.4069

■ 63.4670, 65.2525,
69.2479

■ 71.8020, 77.2947,
86.2932

■ 81.2145, 90.8730,
105.6051

■ 83.0232, 93.8000,
108.3372

Harmonies

Analogous

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



38.4880, 26.0641, 28.8403



36.5171, 26.0641, 14.9106



31.2905, 26.0641, 8.1661

Triad

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



36.5171, 26.0641, 14.9106



15.9823, 26.0641, 14.3995



24.6134, 26.0641, 77.1221

Complementary

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



36.5171, 26.0641, 14.9106



41.7243, 55.3521, 75.5024

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.



19.2301, 26.0641, 68.2544



36.5171, 26.0641, 14.9106



14.7780, 26.0641, 27.9234

Square

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



36.5171, 26.0641, 14.9106



19.4652, 26.0641, 7.9679



15.8630, 26.0641, 48.1960



30.9677, 26.0641, 69.0807

Rectangle

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



36.5171, 26.0641, 14.9106



27.0381, 26.0641, 6.4879



15.8630, 26.0641, 48.1960



22.6384, 26.0641, 75.9766

Sweetspot

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



36.5177, 26.0655, 14.9111



78.0211, 75.3612, 74.1863



45.6853, 28.7879, 66.0992



16.2886, 15.5344, 15.0444



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.



36.5177, 26.0655, 14.9111



47.0515, 30.1500, 12.2923



44.9206, 42.8712, 17.7120



13.1081, 13.1555, 13.5740



17.4164, 9.1183, 0.8421



1.1472, 0.6284, 0.0608

Inverse Universe

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



41.7243, 55.3521, 75.5024



55.0838, 75.4943, 106.2764



29.3231, 30.5497, 71.3686



13.3861, 14.7120, 16.7863



20.9864, 29.8423, 44.3924



1.3771, 1.9684, 2.8818

Previews

White Background



This preview shows how the XYZ color 36.5171, 26.0641, 14.9106 looks on a white background.

Color Contrast Check

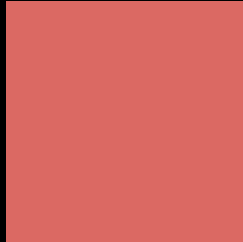
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5171, 26.0641, 14.9106 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 36.5171, 26.0641, 14.9106

Background



This preview shows how black text looks on a background with the XYZ color 36.5171, 26.0641, 14.9106.



This preview shows how white text looks on a background with the XYZ color 36.5171, 26.0641,

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

36.5171, 26.0641, 14.9106

Protanopia

24.6281, 26.2670, 19.6916

Deuteranopia

26.6939, 26.1832, 14.2366



Tritanopia

37.1799, 26.0419, 17.8188

Trichromacy



Original Color

36.5171, 26.0641, 14.9106

Protanomaly

27.8052, 25.2815, 17.8823

Deuteranomaly

29.6878, 25.5752, 14.4381

Tritanomaly

37.0670, 26.1569, 16.7308

Monochromacy



Original Color

36.5171, 26.0641, 14.9106

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.0353, 24.5924, 22.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5171, 26.0641, 14.9106 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(219, 105, 99)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 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(219, 105, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 99) }
```

Border

The CSS property to change the border of an element to XYZ 36.5171, 26.0641, 14.9106 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(219, 105, 99) }
```


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

```
.border{ border-color:rgb(219, 105, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 105, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 99);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5171, 26.0641, 14.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 99) }
```

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

```
.background{ background-color: rgb(219,  
105, 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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