

Converting Colors

XYZ(36.7019, 26.1871, 24.3801)

Have a look what the booklet for
XYZ(36.7019, 26.1871, 24.3801)
contains.

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Color

**XYZ(36.7275, 26.2732,
24.2546)**

Conversions

Conversions Part 1

Format	Color
Hex	D56B82
RGB	213, 107, 130
RGB Percent	84%, 42%, 51%
CMY	0.1647, 0.5804, 0.4902
CMYK	0.00, 0.50, 0.39, 0.16
HSL	347°, 56%, 63%
HSV	347°, 50%, 84%
XYZ	36.7275, 26.2732, 24.2546
YIQ	141.3160, 55.7930, 29.6250

Conversions

Conversions Part 2

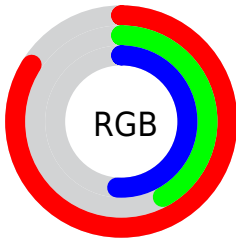
Format	Color
R _Y B	213, 107, 130
Decimal	13986690
CIE Lab	58.30, 43.95, 6.86
CIE LCh	58, 44.477, 8.869
Yxy	26.2732, 0.4209, 0.3011
Android (android.graphics.Color)	4292176770 (0xFFD56B82)
YUV	141.3160, -5.5788, 62.8669
Hunter-Lab	51.2574, 38.2003, 7.8246

Details

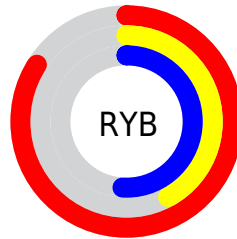
The XYZ color **36.7275, 26.2732, 24.2546** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.1532, 54.4326, 57.1612**, and the grayscale version is **25.4481, 26.7734, 29.1562**.

A 20% lighter version of the original color is **62.5321, 50.1686, 51.1875**, and **16.3690, 10.2950, 8.9090** is the 20% darker color. If you saturate the color by 10%, you get **33.7437, 21.9544, 18.1770**, and if you desaturate by 10%, it is **40.4411, 31.7610, 31.4713**.

Distribution



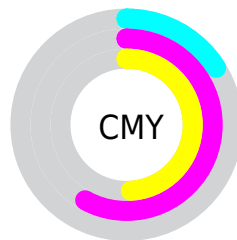
- Red (84%)
- Green (42%)
- Blue (51%)



- Red (84%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7275, 26.2732, 24.2546 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 36.7275, 26.2732, 24.2546 by changing the saturation by 10% instead.


 36.7275, 26.2732,
24.2546


 36.7275, 26.2732,
24.2546


323.5053,
284.1206, 287.4330


 25.1693, 17.0281,
15.3086


 69.4700, 53.7154,
51.3944


 16.3326, 10.2546,
8.8873


 91.3851, 72.6812,
70.4253

 9.8522, 5.5681,
4.5719


 117.4831, 95.6562,
93.6549

 5.3626, 2.5843,
1.9440

 148.1294,
123.0246, 121.5018

 2.4985, 0.9188,
0.5205

183.6895,
155.1708, 154.3846

 0.8945, 0.0000,
0.0000

224.5286,

 0.0000, 0.0000,

192.4793, 192.7217

0.0000

271.0120,
235.3345, 236.9316

■ 36.7275, 26.2732,
24.2546

■ 36.7275, 26.2732,
24.2546

■ 33.7437, 21.9544,
18.1770

■ 40.4411, 31.7610,
31.4713

■ 31.4380, 18.7153,
13.1775

■ 44.9272, 38.4906,
39.8807

■ 29.7549, 16.4603,
9.1912


■ 50.2278, 46.5334,
49.5349


■ 28.6289, 15.0746,
6.1452


■ 56.3812, 55.9543,
60.4823


■ 27.9512, 14.3592,
3.9462

■ 63.4229, 66.8139,
72.7685

 27.9378, 14.3450,
3.9028

 71.3869, 79.1693,
86.4372

 79.9512, 92.3664,
101.4119

 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



35.9885, 26.2732, 40.7504



36.7275, 26.2732, 24.2546



33.9805, 26.2732, 13.6860

Triad

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



36.7275, 26.2732, 24.2546



18.9951, 26.2732, 11.1132



21.4056, 26.2732, 66.3753

Complementary

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



36.7275, 26.2732, 24.2546



39.1532, 54.4326, 57.1612

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.



17.7153, 26.2732, 51.6770



36.7275, 26.2732, 24.2546



16.4698, 26.2732, 19.1531

Square

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



36.7275, 26.2732, 24.2546



23.4019, 26.2732, 8.1104



16.0377, 26.2732, 33.4513



26.6106, 26.2732, 69.3048

Rectangle

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



36.7275, 26.2732, 24.2546



30.7467, 26.2732, 9.9300



16.0377, 26.2732, 33.4513



19.9696, 26.2732, 62.4460

Sweetspot

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



36.7282, 26.2745, 24.2551



79.5856, 76.1958, 81.7812



38.0737, 26.0462, 65.9714



16.6218, 15.6778, 16.7678



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.



36.7282, 26.2745, 24.2551



50.3781, 32.5174, 26.6140



38.7966, 32.6115, 18.1615



12.5324, 12.4645, 13.4780



17.0969, 8.7751, 2.5482



1.0625, 0.5418, 0.3186

Inverse Universe

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



36.7282, 26.2745, 24.2551



50.3781, 32.5174, 26.6140



35.3679, 42.5174, 69.2933



12.5324, 12.4645, 13.4780



17.0969, 8.7751, 2.5482



1.0625, 0.5418, 0.3186

Previews

White Background



This preview shows how the XYZ color 36.7275, 26.2732, 24.2546 looks on a white background.

Color Contrast Check

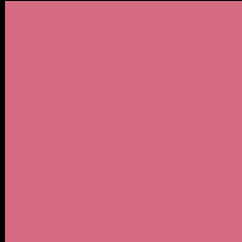
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7275, 26.2732, 24.2546 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 36.7275, 26.2732, 24.2546

Background



This preview shows how black text looks on a background with the XYZ color 36.7275, 26.2732, 24.2546.



This preview shows how white text looks on a background with the XYZ color 36.7275, 26.2732,

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

36.7275, 26.2732, 24.2546

Protanopia

25.7079, 26.5570, 31.7880

Deuteranopia

27.0030, 26.5626, 23.1059



Tritanopia

35.8309, 26.2187, 20.0018

Trichromacy



Original Color

36.7275, 26.2732, 24.2546

Protanomaly

28.4632, 25.5769, 28.6360

Deuteranomaly

29.7548, 25.7832, 23.4871

Tritanomaly

36.0268, 26.1273, 21.5566

Monochromacy



Original Color

36.7275, 26.2732, 24.2546

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.3020, 25.7221, 27.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7275, 26.2732, 24.2546 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(213, 107, 130)` looks like.

```
.text, #text, p{  
    color:rgb(213, 107, 130)  
}
```

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(213, 107, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 107, 130) }
```

Border

The CSS property to change the border of an element to XYZ 36.7275, 26.2732, 24.2546 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(213, 107, 130) }
```


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

```
.border{ border-color:rgb(213, 107, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 107, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 107, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 107, 130);  
box-shadow:4px 4px 4px 4px rgb(213, 107,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7275, 26.2732, 24.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 107, 130) }
```

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

```
.background{ background-color: rgb(213,  
107, 130) }
```

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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