

Converting Colors

XYZ(36.7658, 26.6218, 22.4522)

Have a look what the booklet for
XYZ(36.7658, 26.6218, 22.4522)
contains.

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Color

**XYZ(36.9019, 26.7141,
22.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	D66D7D
RGB	214, 109, 125
RGB Percent	84%, 43%, 49%
CMY	0.1608, 0.5725, 0.5098
CMYK	0.00, 0.49, 0.42, 0.16
HSL	351°, 56%, 63%
HSV	351°, 49%, 84%
XYZ	36.9019, 26.7141, 22.6134
YIQ	142.2190, 57.4440, 27.2360

Conversions

Conversions Part 2

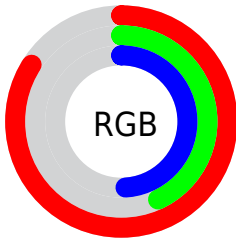
Format	Color
R_{YB}	214, 109, 125
Decimal	14052733
CIE _{Lab}	58.71, 42.74, 10.37
CIE _{LCh}	59, 43.979, 13.636
Yxy	26.7141, 0.4280, 0.3098
Android (android.graphics.Color)	4292242813 (0xFFD66D7D)
YUV	142.2190, -8.4890, 62.9519
Hunter-Lab	51.6857, 36.9933, 10.2396

Details

The XYZ color **36.9019, 26.7141, 22.6134** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.5477, 55.4222, 61.9900**, and the grayscale version is **25.8153, 27.1597, 29.5769**.

A 20% lighter version of the original color is **62.2730, 50.6287, 48.0851**, and **16.4779, 10.5160, 7.9988** is the 20% darker color. If you saturate the color by 10%, you get **33.8356, 22.2697, 16.3867**, and if you desaturate by 10%, it is **40.7370, 32.3572, 30.1410**.

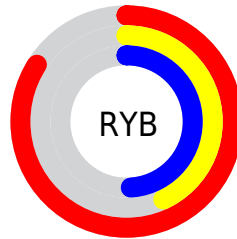
Distribution



Red (84%)

Green (43%)

Blue (49%)



Red (84%)

Yellow (43%)

Blue (49%)

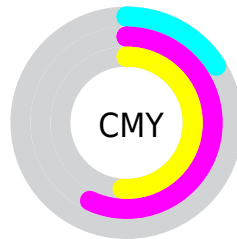


Cyan (0%)

Magenta (49%)

Yellow (42%)

Black (16%)



Cyan (16%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9019, 26.7141, 22.6134 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 36.9019, 26.7141, 22.6134 by changing the saturation by 10% instead.


 36.9019, 26.7141,
22.6134


 36.9019, 26.7141,
22.6134


324.2485,
286.2702, 278.7903


 25.3049, 17.3586,
14.1057


 69.7367, 54.4247,
48.6729


 16.4343, 10.4905,
8.0546


 91.7052, 73.5487,
67.0617

 9.9248, 5.7254,
4.0416


 117.8615, 96.6976,
89.5813

 5.4110, 2.6788,
1.6482

 148.5711,
124.2559, 116.6503

 2.5276, 0.9664,
0.3249

184.1992,
156.6078, 148.6872

 0.9092, 0.0000,
0.0000

225.1112,

 0.0000, 0.0000,

194.1380, 186.1104

0.0000

271.6726,
237.2306, 229.3386

■ 36.9019, 26.7141,
22.6134

■ 36.9019, 26.7141,
22.6134

■ 33.8356, 22.2697,
16.3867

■ 40.7370, 32.3572,
30.1410

■ 31.4833, 18.9333,
11.3850

■ 45.3862, 39.2729,
39.0365

■ 29.7865, 16.6077,
7.5266


■ 50.8941, 47.5342,
49.3639


■ 28.6759, 15.1771,
4.7192


■ 57.3010, 57.2072,
61.1828


■ 28.0464, 14.4569,
2.8485

■ 64.6451, 68.3536,
74.5495

 28.0005, 14.4037,
2.7140

 72.9620, 81.0315,
89.5171

 81.0592, 92.8432,
105.7277

 81.5416, 93.0361,
108.2678

Harmonies

Analogous

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



36.7377, 26.7141, 38.3144



36.9019, 26.7141, 22.6134



33.6887, 26.7141, 12.9910

Triad

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



36.9019, 26.7141, 22.6134



18.8674, 26.7141, 12.4138



22.5714, 26.7141, 68.0613

Complementary

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



36.9019, 26.7141, 22.6134



40.5477, 55.4222, 61.9900

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.



18.5816, 26.7141, 54.8714



36.9019, 26.7141, 22.6134



16.6602, 26.7141, 21.4747

Square

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



36.9019, 26.7141, 22.6134



23.0165, 26.7141, 8.6778



16.5636, 26.7141, 36.6916



27.9233, 26.7141, 68.7103

Rectangle

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



36.9019, 26.7141, 22.6134



30.2965, 26.7141, 9.7260



16.5636, 26.7141, 36.6916



21.0458, 26.7141, 64.7809

Sweetspot

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



36.9026, 26.7155, 22.6139



79.2507, 76.0618, 80.0177



40.5024, 27.5968, 66.8103



16.5421, 15.6459, 16.3483



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.



36.9026, 26.7155, 22.6139



50.1073, 32.8163, 23.9325



40.4661, 35.3482, 19.1599



12.4996, 12.4513, 13.3052



16.9487, 8.7158, 1.7679



1.0472, 0.5357, 0.2378

Inverse Universe

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



36.9026, 26.7155, 22.6139



50.1073, 32.8163, 23.9325



34.5656, 40.3477, 69.5844



12.4996, 12.4513, 13.3052



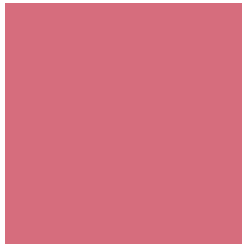
16.9487, 8.7158, 1.7679



1.0472, 0.5357, 0.2378

Previews

White Background



This preview shows how the XYZ color 36.9019, 26.7141, 22.6134 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 36.9019, 26.7141, 22.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

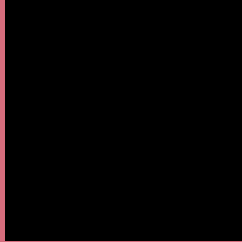
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9019, 26.7141, 22.6134

Background



This preview shows how black text looks on a background with the XYZ color 36.9019, 26.7141, 22.6134.



This preview shows how white text looks on a background with the XYZ color 36.9019, 26.7141,

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

36.9019, 26.7141, 22.6134

Protanopia

25.9090, 26.9320, 29.4240

Deuteranopia

27.2986, 26.7509, 21.4940



Tritanopia

36.2865, 26.6060, 20.3625

Trichromacy



Original Color

36.9019, 26.7141, 22.6134

Protanomaly

28.6564, 25.9131, 26.7839

Deuteranomaly

30.2651, 26.2719, 21.8882

Tritanomaly

36.4677, 26.6785, 21.3166

Monochromacy



Original Color

36.9019, 26.7141, 22.6134

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.5750, 26.0677, 26.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9019, 26.7141, 22.6134 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(214, 109, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 125)  
}
```

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(214, 109, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.9019, 26.7141, 22.6134 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(214, 109, 125) }
```


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

```
.border{ border-color:rgb(214, 109, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9019, 26.7141, 22.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 125) }
```

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

```
.background{ background-color: rgb(214,  
109, 125) }
```

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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