

Converting Colors

XYZ(36.1784, 26.6068, 22.5191)

Have a look what the booklet for
XYZ(36.1784, 26.6068, 22.5191)
contains.

XYZ(36.2501, 26.6984, 22.6448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.2501, 26.6984,
22.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	D36F7D
RGB	211, 111, 125
RGB Percent	83%, 44%, 49%
CMY	0.1725, 0.5647, 0.5098
CMYK	0.00, 0.47, 0.41, 0.17
HSL	352°, 53%, 63%
HSV	352°, 47%, 83%
XYZ	36.2501, 26.6984, 22.6448
YIQ	142.4960, 55.1060, 25.5540

Conversions

Conversions Part 2

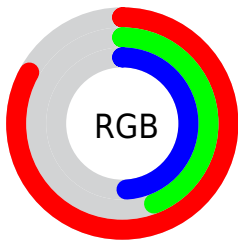
Format	Color
R_{YB}	211, 111, 125
Decimal	13856637
CIE Lab	58.69, 40.64, 10.29
CIE LCh	59, 41.924, 14.205
Yxy	26.6984, 0.4235, 0.3119
Android (android.graphics.Color)	4292046717 (0xFFD36F7D)
YUV	142.4960, -8.6255, 60.0780
Hunter-Lab	51.6705, 34.8056, 10.1853

Details

The XYZ color **36.2501, 26.6984, 22.6448** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.9292, 53.9999, 61.1449**, and the grayscale version is **25.9263, 27.2765, 29.7041**.

A 20% lighter version of the original color is **62.6309, 51.3446, 48.2045**, and **16.0053, 10.4220, 8.0056** is the 20% darker color. If you saturate the color by 10%, you get **33.1584, 22.2038, 16.4078**, and if you desaturate by 10%, it is **40.0988, 32.3678, 30.1795**.

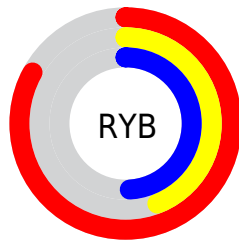
Distribution



Red (83%)

Green (44%)

Blue (49%)



Red (83%)

Yellow (44%)

Blue (49%)

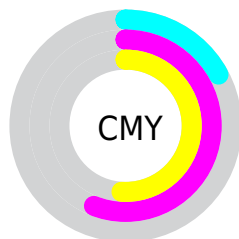


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2501, 26.6984, 22.6448 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 36.2501, 26.6984, 22.6448 by changing the saturation by 10% instead.


 36.2501, 26.6984,
22.6448


 36.2501, 26.6984,
22.6448


321.4646,
286.1938, 278.9579


 24.7984, 17.3468,
14.1286


 68.7393, 54.3995,
48.7252


 16.0549, 10.4821,
8.0704


 90.5075, 73.5179,
67.1265

 9.6541, 5.7198,
4.0516

 116.4452, 96.6606,
89.6599

 5.2307, 2.6754,
1.6537

 146.9178,
124.2121, 116.7440

 2.4194, 0.9647,
0.3287

182.2907,
156.5568, 148.7973

 0.8548, 0.0000,
0.0000

222.9293,

 0.0000, 0.0000,

194.0791, 186.2384

0.0000

269.1988,
237.1633, 229.4857

■ 36.2501, 26.6984,
22.6448

■ 36.2501, 26.6984,
22.6448

■ 33.1584, 22.2038,
16.4078

■ 40.0988, 32.3678,
30.1795

■ 30.7711, 18.7977,
11.3933

■ 44.7480, 39.2825,
39.0784

■ 29.0322, 16.3881,
7.5206


■ 50.2406, 47.5119,
49.4051


■ 27.8761, 14.8665,
4.6981


■ 56.6158, 57.1195,
61.2187


■ 27.2163, 14.0855,
2.8179

■ 63.9102, 68.1645,
74.5751

 27.0924, 13.9403,
2.4599

 72.1583, 80.7025,
89.5272

 80.1993, 92.3990,
105.7275

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



36.1599, 26.6984, 37.5024



36.2501, 26.6984, 22.6448



33.1661, 26.6984, 13.4284

Triad

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



36.2501, 26.6984, 22.6448



19.0728, 26.6984, 13.0984



22.7723, 26.6984, 65.8393

Complementary

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



36.2501, 26.6984, 22.6448



39.9292, 53.9999, 61.1449

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.



18.9126, 26.6984, 53.6975



36.2501, 26.6984, 22.6448



16.9825, 26.6984, 22.0070

Square

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



36.2501, 26.6984, 22.6448



23.0203, 26.6984, 9.3198



16.9282, 26.6984, 36.6084



27.8873, 26.6984, 66.1914

Rectangle

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



36.2501, 26.6984, 22.6448



29.9387, 26.6984, 10.2687



16.9282, 26.6984, 36.6084



21.3022, 26.6984, 62.8556

Sweetspot

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



36.2508, 26.6998, 22.6453



80.1447, 77.4776, 81.4626



40.2082, 27.8092, 64.8766



16.7158, 15.9236, 16.6207



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.



36.2508, 26.6998, 22.6453



50.8070, 33.9480, 24.9914



40.0130, 35.5557, 19.7947



11.8752, 11.8348, 12.6185



16.3727, 8.4219, 1.6027



0.9378, 0.4798, 0.2072

Inverse Universe

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



36.2508, 26.6998, 22.6453



50.8070, 33.9480, 24.9914



33.8399, 39.1345, 67.3982



11.8752, 11.8348, 12.6185



16.3727, 8.4219, 1.6027



0.9378, 0.4798, 0.2072

Previews

White Background



This preview shows how the XYZ color 36.2501, 26.6984, 22.6448 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 36.2501, 26.6984, 22.6448 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 36.2501, 26.6984, 22.6448

Background



This preview shows how black text looks on a background with the XYZ color 36.2501, 26.6984, 22.6448.

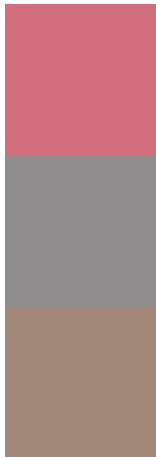


This preview shows how white text looks on a background with the XYZ color 36.2501, 26.6984,

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

36.2501, 26.6984, 22.6448

Protanopia

25.8342, 26.9021, 29.0303

Deuteranopia

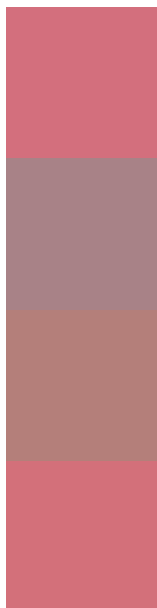
27.3596, 26.7753, 21.8153



Tritanopia

36.0483, 26.7933, 21.0410

Trichromacy



Original Color

36.2501, 26.6984, 22.6448

Protanomaly

28.5043, 26.0394, 26.4454

Deuteranomaly

29.9246, 26.2872, 21.9091

Tritanomaly

36.1710, 26.8424, 21.6870

Monochromacy



Original Color

36.2501, 26.6984, 22.6448

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.4966, 26.2257, 26.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2501, 26.6984, 22.6448 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(211, 111, 125)` looks like.

```
.text, #text, p{  
    color:rgb(211, 111, 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(211, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 111, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.2501, 26.6984, 22.6448 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(211, 111, 125) }
```


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

```
.border{ border-color:rgb(211, 111, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 111, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(211, 111,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2501, 26.6984, 22.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 111, 125) }
```

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

```
.background{ background-color: rgb(211,  
111, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor