

Converting Colors

XYZ(36.7375, 28.1942, 22.6916)

Have a look what the booklet for
XYZ(36.7375, 28.1942, 22.6916)
contains.

XYZ(36.6949, 28.1137, 22.5612)	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(36.6949, 28.1137,
22.5612)**

Conversions

Conversions Part 1

Format	Color
Hex	D2767C
RGB	210, 118, 124
RGB Percent	82%, 46%, 49%
CMY	0.1765, 0.5372, 0.5137
CMYK	0.00, 0.44, 0.41, 0.18
HSL	356°, 51%, 64%
HSV	356°, 44%, 82%
XYZ	36.6949, 28.1137, 22.5612
YIQ	146.1920, 52.9060, 21.3700

Conversions

Conversions Part 2

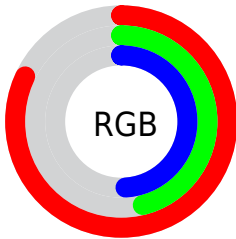
Format	Color
RYB	210, 118, 124
Decimal	13792892
CIELab	59.99, 36.53, 12.67
CIELCh	60, 38.663, 19.131
Yxy	28.1137, 0.4200, 0.3218
Android (android.graphics.Color)	4291982972 (0xFFD2767C)
YUV	146.1920, -10.9407, 55.9596
Hunter-Lab	53.0224, 30.7444, 11.8875

Details

The XYZ color **36.6949, 28.1137, 22.5612** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.4183, 54.3051, 65.4289**, and the grayscale version is **27.4293, 28.8578, 31.4261**.

A 20% lighter version of the original color is **63.8290, 53.8996, 48.1138**, and **16.2260, 11.1977, 7.9628** is the 20% darker color. If you saturate the color by 10%, you get **33.3711, 23.2591, 15.9259**, and if you desaturate by 10%, it is **40.8178, 34.1709, 30.6827**.

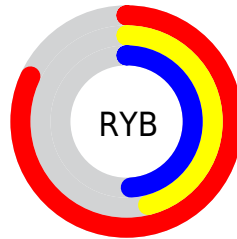
Distribution



Red (82%)

Green (46%)

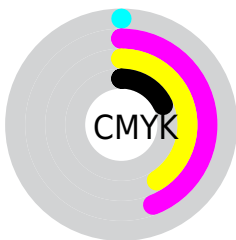
Blue (49%)



Red (82%)

Yellow (46%)

Blue (49%)

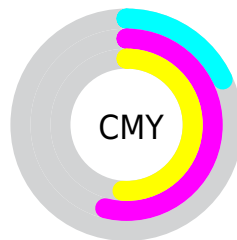


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6949, 28.1137, 22.5612 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 36.6949, 28.1137, 22.5612 by changing the saturation by 10% instead.


 36.6949, 28.1137,
22.5612


 36.6949, 28.1137,
22.5612


323.3662,
293.0098, 278.5116


 25.1439, 18.4114,
14.0676


 69.4202, 56.6659,
48.5858

 16.3136, 11.2457,
8.0284


 91.3252, 76.2846,
66.9539

 9.8386, 6.2324,
4.0251


 117.4123, 99.9776,
89.4506

 5.3535, 2.9869,
1.6391

148.0468,
128.1291, 116.4944

 2.4930, 1.1249,
0.3185

183.5941,
161.1238, 148.5039

 0.8917, 0.0000,
0.0000

224.4195,

 0.0000, 0.0000,

199.3458, 185.8976

0.0000

270.8885,
243.1797, 229.0940

■ 36.6949, 28.1137,
22.5612

■ 36.6949, 28.1137,
22.5612

■ 33.3711, 23.2591,
15.9259

■ 40.8178, 34.1709,
30.6827

■ 30.7925, 19.5230,
10.6852

■ 45.7847, 41.4991,
40.3714

■ 28.9021, 16.8175,
6.7400


■ 51.6398, 50.1663,
51.7039


■ 27.6334, 15.0392,
3.9772


■ 58.4234, 60.2347,
64.7518

■ 26.9071, 14.0635,
2.2645

■ 66.1736, 71.7625,
79.5823

 26.6555, 13.7325,
1.6501

 74.9262, 84.8047,
96.2588

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



37.1325, 28.1137, 36.0108



36.6949, 28.1137, 22.5612



33.4032, 28.1137, 14.3513

Triad

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



36.6949, 28.1137, 22.5612



20.1855, 28.1137, 16.0826



24.9764, 28.1137, 65.6814

Complementary

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



36.6949, 28.1137, 22.5612



41.4183, 54.3051, 65.4289

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.



20.9956, 28.1137, 56.0165



36.6949, 28.1137, 22.5612



18.4643, 28.1137, 25.7800

Square

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



36.6949, 28.1137, 22.5612



23.7386, 28.1137, 11.4830



18.7414, 28.1137, 40.3786



29.9437, 28.1137, 64.0148

Rectangle

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



36.6949, 28.1137, 22.5612



30.2358, 28.1137, 11.6299



18.7414, 28.1137, 40.3786



23.4902, 28.1137, 63.5560

Sweetspot

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



36.6956, 28.1151, 22.5617



80.7774, 78.8053, 81.4819



42.9774, 30.4300, 64.5813



16.8249, 16.1786, 16.5435



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.



36.6956, 28.1151, 22.5617



51.8782, 36.2328, 24.9091



42.0534, 39.4192, 22.5335



11.8395, 11.8206, 12.4308



16.2726, 8.3819, 1.0758



0.9211, 0.4731, 0.1191

Inverse Universe

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



36.6956, 28.1151, 22.5617



51.8782, 36.2328, 24.9091



33.5051, 37.3055, 66.4077



11.8395, 11.8206, 12.4308



16.2726, 8.3819, 1.0758



0.9211, 0.4731, 0.1191

Previews

White Background



This preview shows how the XYZ color 36.6949, 28.1137, 22.5612 looks on a white background.

Color Contrast Check

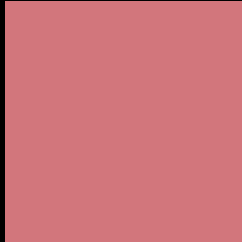
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6949, 28.1137, 22.5612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

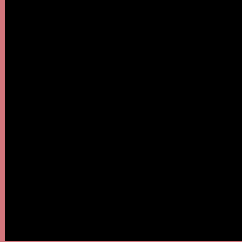
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6949, 28.1137, 22.5612

Background



This preview shows how black text looks on a background with the XYZ color 36.6949, 28.1137, 22.5612.



This preview shows how white text looks on a background with the XYZ color 36.6949, 28.1137,

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

36.6949, 28.1137, 22.5612

Protanopia

26.9551, 28.1711, 28.0616

Deuteranopia

28.7712, 28.1461, 21.6856



Tritanopia

36.8227, 28.1649, 23.2343

Trichromacy



Original Color

36.6949, 28.1137, 22.5612

Protanomaly

29.6922, 27.6793, 25.9680

Deuteranomaly

31.0959, 27.6804, 21.7931

Tritanomaly

36.7584, 28.1392, 22.8961

Monochromacy



Original Color

36.6949, 28.1137, 22.5612

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7538, 27.8783, 27.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6949, 28.1137, 22.5612 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(210, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(210, 118, 124)  
}
```

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(210, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.6949, 28.1137, 22.5612 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(210, 118, 124) }
```


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

```
.border{ border-color:rgb(210, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(210, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6949, 28.1137, 22.5612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 118, 124) }
```

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

```
.background{ background-color: rgb(210,  
118, 124) }
```

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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