

Converting Colors

XYZ(41.5801, 36.7774, 25.0216)

Have a look what the booklet for
XYZ(41.5801, 36.7774, 25.0216)
contains.

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Color

**XYZ(41.5720, 36.7092,
24.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	D4947F
RGB	212, 148, 127
RGB Percent	83%, 58%, 50%
CMY	0.1686, 0.4196, 0.5020
CMYK	0.00, 0.30, 0.40, 0.17
HSL	15°, 50%, 66%
HSV	15°, 40%, 83%
XYZ	41.5720, 36.7092, 24.9732
YIQ	164.7420, 44.8850, 7.0370

Conversions

Conversions Part 2

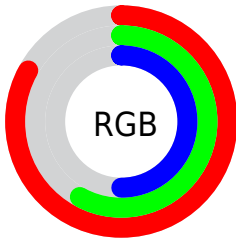
Format	Color
R _Y B	212, 155, 127
Decimal	13931647
CIE Lab	67.06, 21.53, 20.78
CIE LCh	67, 29.922, 43.984
Yxy	36.7092, 0.4026, 0.3555
Android (android.graphics.Color)	4292121727 (0xFFD4947F)
YUV	164.7420, -18.6068, 41.4453
Hunter-Lab	60.5881, 16.4470, 17.9735

Details

The XYZ color **41.5720, 36.7092, 24.9732** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2659, 46.5250, 69.1978**, and the grayscale version is **35.7127, 37.5725, 40.9165**.

A 20% lighter version of the original color is **70.5987, 66.7963, 52.3520**, and **19.1674, 16.0680, 9.2989** is the 20% darker color. If you saturate the color by 10%, you get **37.9998, 31.5481, 17.6682**, and if you desaturate by 10%, it is **45.7821, 42.6806, 33.9258**.

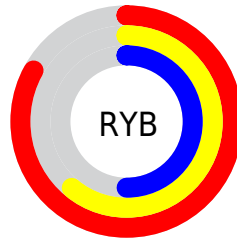
Distribution



Red (83%)

Green (58%)

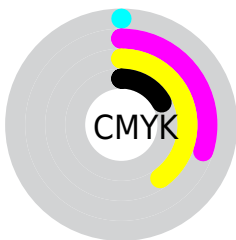
Blue (50%)



Red (83%)

Yellow (61%)

Blue (50%)

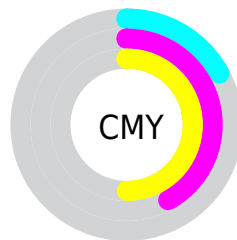


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5720, 36.7092, 24.9732 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 41.5720, 36.7092, 24.9732 by changing the saturation by 10% instead.


 41.5720, 36.7092,
24.9732


 41.5720, 36.7092,
24.9732


343.7275,
332.0498, 291.1479

 28.9559, 24.9824,
15.8382


 76.8207, 70.1253,
52.5773

 19.1916, 16.0640,
9.2567


 100.1840, 92.5834,
71.8836

 11.9136, 9.5694,
4.8099


 127.8605,
119.3874, 95.4174

 6.7567, 5.1144,
2.0794

160.2155,
150.9217, 123.5972

 3.3554, 2.3146,
0.6034

197.6143,
187.5707, 156.8416

 1.3444, 0.7814,
0.0000

240.4224,

 0.2161, 0.0000,

229.7188, 195.5692

0.0000

289.0050,
277.7504, 240.1984

■ 0.0000, 0.0000,
0.0000

■ 41.5720, 36.7092,
24.9732

■ 41.5720, 36.7092,
24.9732

■ 37.9998, 31.5481,
17.6682

■ 45.7821, 42.6806,
33.9258

■ 35.0302, 27.1566,
11.9070

■ 50.6572, 49.4901,
44.6165

■ 32.6287, 23.4983,
7.5776


■ 56.2263, 57.1709,
57.1321


■ 30.7557, 20.5314,
4.5514


■ 62.5159, 65.7525,
71.5525

■ 29.3659, 18.2097,
2.6766

■ 69.5509, 75.2633,
87.9532

 28.3967, 16.4878,
1.6858

 77.3551, 85.7301,
106.4054

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



44.0873, 36.7092, 34.2162



41.5720, 36.7092, 24.9732



37.3609, 36.7092, 20.4005

Triad

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



41.5720, 36.7092, 24.9732



27.1395, 36.7092, 33.4480



37.0480, 36.7092, 69.5452

Complementary

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



41.5720, 36.7092, 24.9732



39.2659, 46.5250, 69.1978

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.



32.5324, 36.7092, 69.2129



41.5720, 36.7092, 24.9732



27.0717, 36.7092, 46.3353

Square

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



41.5720, 36.7092, 24.9732



29.1614, 36.7092, 24.5167



28.9671, 36.7092, 60.0164



41.3258, 36.7092, 60.8443

Rectangle

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



41.5720, 36.7092, 24.9732



34.2867, 36.7092, 19.8236



28.9671, 36.7092, 60.0164



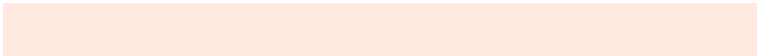
35.5023, 36.7092, 70.5364

Sweetspot

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



41.5729, 36.7110, 24.9739



83.5947, 84.3553, 82.6820



44.2737, 32.9892, 54.0001



17.6467, 17.7171, 17.1418



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.



41.5729, 36.7110, 24.9739



58.5161, 49.0825, 28.4354



49.2515, 52.0681, 27.5334



12.6701, 12.9144, 12.9856



17.5977, 10.3127, 1.0630



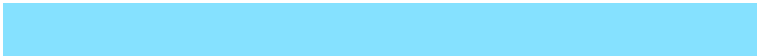
1.1274, 0.7540, 0.0861

Inverse Universe

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



39.2659, 46.5250, 69.1978



54.5183, 65.8909, 104.4525



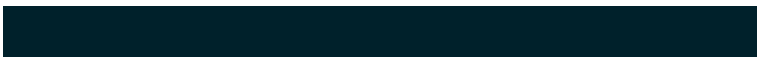
31.4896, 30.9723, 66.6057



12.5202, 13.5638, 15.8957



15.1380, 18.5378, 41.2334



0.9763, 1.2447, 2.5081

Previews

White Background



This preview shows how the XYZ color 41.5720, 36.7092, 24.9732 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.5720, 36.7092, 24.9732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

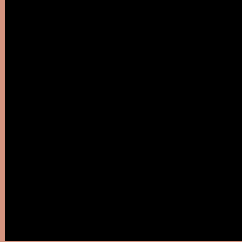
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5720, 36.7092, 24.9732

Background



This preview shows how black text looks on a background with the XYZ color 41.5720, 36.7092, 24.9732.



This preview shows how white text looks on a background with the XYZ color 41.5720, 36.7092,

24.9732.

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

41.5720, 36.7092, 24.9732

Protanopia

34.6338, 36.7999, 27.8319

Deuteranopia

37.4969, 36.8011, 24.5291



Tritanopia

43.9140, 36.7601, 35.7912

Trichromacy



Original Color

41.5720, 36.7092, 24.9732

Protanomaly

36.8171, 36.6572, 26.6078

Deuteranomaly

38.8747, 36.7597, 24.7851

Tritanomaly

42.9678, 36.5913, 31.5862

Monochromacy



Original Color

41.5720, 36.7092, 24.9732

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2755, 36.9757, 34.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5720, 36.7092, 24.9732 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(212, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 127)  
}
```

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(212, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 127) }
```

Border

The CSS property to change the border of an element to XYZ 41.5720, 36.7092, 24.9732 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(212, 148, 127) }
```


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

```
.border{ border-color:rgb(212, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5720, 36.7092, 24.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 127) }
```

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

```
.background{ background-color: rgb(212,  
148, 127) }
```

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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