

Converting Colors

XYZ(34.6153, 20.4905, 24.5918)

Have a look what the booklet for
XYZ(34.6153, 20.4905, 24.5918)
contains.

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Color

**XYZ(34.7501, 20.5764,
24.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	D84586
RGB	216, 69, 134
RGB Percent	85%, 27%, 53%
CMY	0.1529, 0.7294, 0.4745
CMYK	0.00, 0.68, 0.38, 0.15
HSL	333°, 65%, 56%
HSV	333°, 68%, 85%
XYZ	34.7501, 20.5764, 24.6944
YIQ	120.3630, 66.7470, 51.3790

Conversions

Conversions Part 2

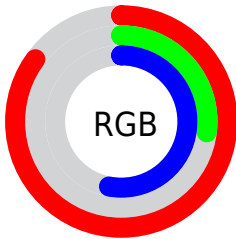
Format	Color
R _Y B	216, 69, 134
Decimal	14173574
CIE Lab	52.48, 62.34, -3.89
CIE LCh	52, 62.465, 356.426
Yxy	20.5764, 0.4343, 0.2571
Android (android.graphics.Color)	4292363654 (0xFFD84586)
YUV	120.3630, 6.7230, 83.8736
Hunter-Lab	45.3612, 57.3623, -0.5243

Details

The XYZ color **34.7501, 20.5764, 24.6944** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **32.5973, 52.6119, 37.7187**, and the grayscale version is **17.9341, 18.8681, 20.5473**.

A 20% lighter version of the original color is **57.7990, 40.0266, 51.6933**, and **15.3500, 7.7238, 9.2761** is the 20% darker color. If you saturate the color by 10%, you get **32.8616, 18.0687, 20.1520**, and if you desaturate by 10%, it is **37.2188, 24.0913, 29.9030**.

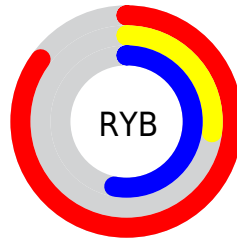
Distribution



Red (85%)

Green (27%)

Blue (53%)



Red (85%)

Yellow (27%)

Blue (53%)

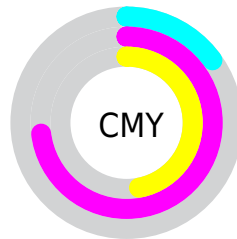


Cyan (0%)

Magenta (68%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (73%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7501, 20.5764, 24.6944 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 34.7501, 20.5764, 24.6944 by changing the saturation by 10% instead.


 34.7501, 20.5764,
24.6944


 34.7501, 20.5764,
24.6944


314.9913,
255.0186, 289.7114


 23.6360, 12.8147,
15.6326


 66.4350, 44.3815,
52.1190

 15.1871, 7.3011,
9.1130


 87.7366, 61.1937,
71.3188


 9.0380, 3.6511,
4.7171


 113.1648, 81.7915,
94.7350

 4.8233, 1.4804,
2.0265

 143.0848,
106.5593, 122.7862

 2.1776, 0.2749,
0.5715

 177.8621,
135.8815, 155.8909

 0.7309, 0.0000,
0.0000

217.8621,

 0.0000, 0.0000,

170.1426, 194.4677

0.0000

263.4500,
209.7268, 238.9350

■ 34.7501, 20.5764,
24.6944

■ 34.7501, 20.5764,
24.6944

■ 32.8616, 18.0687,
20.1520

■ 37.2188, 24.0913,
29.9030

■ 31.4932, 16.4529,
16.2396

■ 40.3163, 28.7055,
35.8086


■ 30.5622, 15.5693,
12.9130


■ 44.0874, 34.5043,
42.4407


■ 30.4074, 15.4343,
12.3234


■ 48.5725, 41.5636,
49.8264

■ 53.8084, 49.9529,
57.9914

 59.8293, 59.7368,
66.9597

 66.6674, 70.9752,
76.7545

 74.3530, 83.7250,
87.3977

 80.1732, 92.5566,
97.9966

Harmonies

Analogous

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



31.8327, 20.5764, 48.3815



34.7501, 20.5764, 24.6944



32.9156, 20.5764, 10.0128

Triad

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



34.7501, 20.5764, 24.6944



14.5357, 20.5764, 3.2652



13.4634, 20.5764, 67.0067

Complementary

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



34.7501, 20.5764, 24.6944



32.5973, 52.6119, 37.7187

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.



10.4128, 20.5764, 42.2473



34.7501, 20.5764, 24.6944



10.9295, 20.5764, 7.9324

Square

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



34.7501, 20.5764, 24.6944



20.3414, 20.5764, 2.3559



9.5986, 20.5764, 20.2602



18.7935, 20.5764, 79.9284

Rectangle

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



34.7501, 20.5764, 24.6944



29.4241, 20.5764, 5.2553



9.5986, 20.5764, 20.2602



12.1869, 20.5764, 59.3003

Sweetspot

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



34.7507, 20.5775, 24.6948



76.6359, 69.9669, 81.8133



27.0742, 15.6854, 66.5663



15.9304, 14.2166, 16.7793



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.



34.7507, 20.5775, 24.6948



46.8261, 25.0514, 26.5463



32.0026, 20.2471, 7.8530



12.6491, 12.5111, 14.0924



18.0505, 9.1565, 7.5701



1.1300, 0.5688, 0.6738

Inverse Universe

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



34.7507, 20.5775, 24.6948



46.8261, 25.0514, 26.5463



37.5643, 51.6530, 72.9559



12.6491, 12.5111, 14.0924



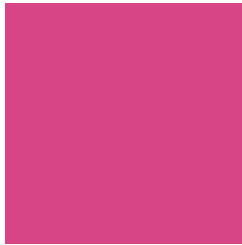
18.0505, 9.1565, 7.5701



1.1300, 0.5688, 0.6738

Previews

White Background



This preview shows how the XYZ color 34.7501, 20.5764, 24.6944 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 34.7501, 20.5764, 24.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

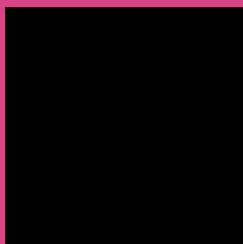
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7501, 20.5764, 24.6944

Background



This preview shows how black text looks on a background with the XYZ color 34.7501, 20.5764, 24.6944.



This preview shows how white text looks on a background with the XYZ color 34.7501, 20.5764,

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

34.7501, 20.5764, 24.6944

Protanopia

21.2734, 20.8283, 40.9292

Deuteranopia

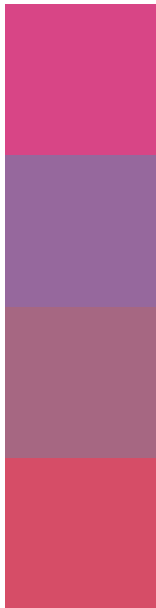
21.1068, 20.7697, 22.9752



Tritanopia

32.0627, 20.7029, 11.1103

Trichromacy



Original Color

34.7501, 20.5764, 24.6944

Protanomaly

23.6138, 18.8190, 34.2861

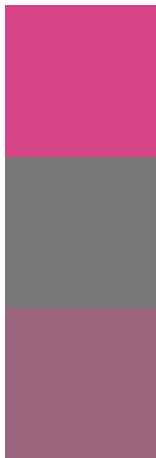
Deuteranomaly

24.6054, 19.4192, 23.5705

Tritanomaly

32.8336, 20.5832, 15.0744

Monochromacy



Original Color

34.7501, 20.5764, 24.6944

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.8729, 17.7566, 21.6766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7501, 20.5764, 24.6944 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(216, 69, 134)` looks like.

```
.text, #text, p{  
    color:rgb(216, 69, 134)  
}
```

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(216, 69, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 69, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.7501, 20.5764, 24.6944 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(216, 69, 134) }
```


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

```
.border{ border-color:rgb(216, 69, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 69, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 69, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 69, 134); box-shadow:4px 4px 4px 4px rgb(216, 69, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7501, 20.5764, 24.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 69, 134) }
```

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

```
.background{ background-color: rgb(216, 69,  
134) }
```

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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