

Converting Colors

XYZ(41.5197, 30.7902, 28.6467)

Have a look what the booklet for
XYZ(41.5197, 30.7902, 28.6467)
contains.

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Color

**XYZ(41.5743, 30.8560,
28.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	DE788C
RGB	222, 120, 140
RGB Percent	87%, 47%, 55%
CMY	0.1294, 0.5294, 0.4510
CMYK	0.00, 0.46, 0.37, 0.13
HSL	348°, 61%, 67%
HSV	348°, 46%, 87%
XYZ	41.5743, 30.8560, 28.5755
YIQ	152.7780, 54.3720, 27.8440

Conversions

Conversions Part 2

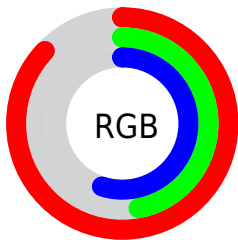
Format	Color
R _{YB}	222, 120, 140
Decimal	14579852
CIE _{Lab}	62.39, 41.68, 7.10
CIE _{LCh}	62, 42.277, 9.667
Yxy	30.8560, 0.4116, 0.3055
Android (android.graphics.Color)	4292769932 (0xFFDE788C)
YUV	152.7780, -6.2996, 60.7077
Hunter-Lab	55.5482, 36.3867, 8.3833

Details

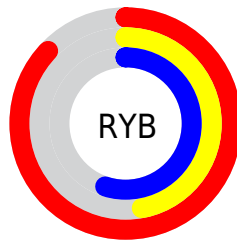
The XYZ color **41.5743, 30.8560, 28.5755** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.5292, 60.5006, 65.2115**, and the grayscale version is **30.1926, 31.7650, 34.5921**.

A 20% lighter version of the original color is **66.0017, 55.3824, 57.6633**, and **19.2224, 12.7649, 11.1236** is the 20% darker color. If you saturate the color by 10%, you get **37.9961, 25.6377, 21.4080**, and if you desaturate by 10%, it is **45.9865, 37.4005, 37.0748**.

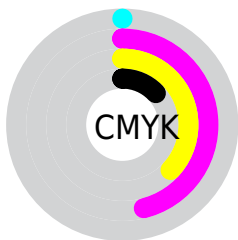
Distribution



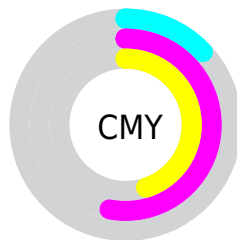
- Red (87%)
- Green (47%)
- Blue (55%)



- Red (87%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5743, 30.8560, 28.5755 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 41.5743, 30.8560, 28.5755 by changing the saturation by 10% instead.

41.5743, 30.8560,
28.5755

41.5743, 30.8560,
28.5755

343.7369,
305.8744, 309.2048

28.9578, 20.4892,
18.5171

76.8242, 61.0133,
58.4361

19.1930, 12.7512,
11.1486

100.1882, 81.5726,
79.0753

11.9146, 7.2574,
6.0515

127.8654,
106.2982, 104.0786

6.7574, 3.6236,
2.8071

160.2212,
135.5745, 133.8645

3.3558, 1.4653,
0.9970

197.6208,
169.7858, 168.8516

1.3446, 0.2641,
0.0000

240.4298,

0.2162, 0.0000,

209.3167, 209.4582

0.0000

289.0134,
254.5514, 256.1031

■ 0.0000, 0.0000,
0.0000

■ 41.5743, 30.8560,
28.5755

■ 41.5743, 30.8560,
28.5755

■ 37.9961, 25.6377,
21.4080

■ 45.9865, 37.4005,
37.0748

■ 35.1958, 21.6501,
15.5019

■ 51.2790, 45.3488,
46.9677

■ 33.1141, 18.7923,
10.7828


■ 57.4977, 54.7781,
58.3141


■ 31.6817, 16.9452,
7.1677


■ 64.6844, 65.7585,
71.1699

■ 30.8142, 15.9620,
4.5613

■ 72.8784, 78.3556,
85.5882

 30.5699, 15.7079,
3.7565

 82.1169, 92.6314,
101.6192

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



40.9095, 30.8560, 45.7864



41.5743, 30.8560, 28.5755



38.6446, 30.8560, 17.2221

Triad

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



41.5743, 30.8560, 28.5755



22.8466, 30.8560, 14.7019



25.6663, 30.8560, 72.6821

Complementary

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



41.5743, 30.8560, 28.5755



44.5292, 60.5006, 65.2115

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.



21.6433, 30.8560, 58.0095



41.5743, 30.8560, 28.5755



20.1684, 30.8560, 23.7891

Square

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



41.5743, 30.8560, 28.5755



27.5175, 30.8560, 11.1149



19.7585, 30.8560, 39.1747



31.2156, 30.8560, 75.2489

Rectangle

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



41.5743, 30.8560, 28.5755



35.2463, 30.8560, 13.0699



19.7585, 30.8560, 39.1747



24.1118, 30.8560, 68.8191

Sweetspot

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



41.5751, 30.8576, 28.5761



80.4183, 77.5871, 82.9037



44.1514, 31.2094, 72.8042



16.7816, 15.9500, 16.9672



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.



41.5751, 30.8576, 28.5761



52.2431, 35.4249, 29.7715



44.5178, 38.8919, 22.9319



13.8165, 13.7442, 14.8040



18.1891, 9.3426, 2.3955



1.2923, 0.6602, 0.3321

Inverse Universe

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



41.5751, 30.8576, 28.5761



52.2431, 35.4249, 29.7715



39.6500, 46.7046, 76.0324



13.8165, 13.7442, 14.8040



18.1891, 9.3426, 2.3955



1.2923, 0.6602, 0.3321

Previews

White Background



This preview shows how the XYZ color 41.5743, 30.8560, 28.5755 looks on a white background.

Color Contrast Check

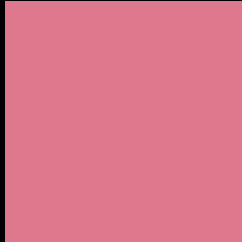
Large Text (above 18pt) WCAG AA × Fail

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 41.5743, 30.8560, 28.5755 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 41.5743, 30.8560, 28.5755

Background



This preview shows how black text looks on a background with the XYZ color 41.5743, 30.8560, 28.5755.



This preview shows how white text looks on a background with the XYZ color 41.5743, 30.8560,

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

41.5743, 30.8560, 28.5755

Protanopia

29.9410, 30.9224, 36.2888

Deuteranopia

31.7361, 31.1060, 27.6239



Tritanopia

40.8076, 30.9029, 24.9332

Trichromacy



Original Color

41.5743, 30.8560, 28.5755

Protanomaly

32.9500, 30.0467, 33.3411

Deuteranomaly

34.6962, 30.6446, 27.7532

Tritanomaly

40.9592, 30.7681, 26.3343

Monochromacy



Original Color

41.5743, 30.8560, 28.5755

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.2303, 30.6528, 32.1821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5743, 30.8560, 28.5755 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(222, 120, 140)` looks like.

```
.text, #text, p{  
    color:rgb(222, 120, 140)  
}
```

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(222, 120, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 120, 140) }
```

Border

The CSS property to change the border of an element to XYZ 41.5743, 30.8560, 28.5755 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(222, 120, 140) }
```


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

```
.border{ border-color:rgb(222, 120, 140) }
```

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

Here you see how a box with a 4 pixel rgb(222, 120, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 120, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 120, 140);  
box-shadow:4px 4px 4px 4px rgb(222, 120,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5743, 30.8560, 28.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 120, 140) }
```

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

```
.background{ background-color: rgb(222,  
120, 140) }
```

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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