

Converting Colors

XYZ(35.1928, 24.9227, 11.8341)

Have a look what the booklet for
XYZ(35.1928, 24.9227, 11.8341)
contains.

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Color

**XYZ(35.2468, 24.8847,
11.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6556
RGB	218, 101, 86
RGB Percent	85%, 40%, 34%
CMY	0.1451, 0.6039, 0.6627
CMYK	0.00, 0.54, 0.61, 0.15
HSL	7°, 64%, 60%
HSV	7°, 61%, 85%
XYZ	35.2468, 24.8847, 11.7496
YIQ	134.2730, 74.5470, 20.1390

Conversions

Conversions Part 2

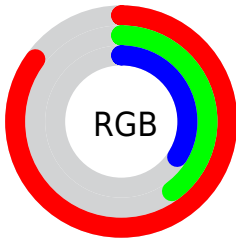
Format	Color
R _Y B	218, 103, 86
Decimal	14312790
CIE Lab	56.96, 44.73, 30.58
CIE LCh	57, 54.182, 34.361
Yxy	24.8847, 0.4903, 0.3462
Android (android.graphics.Color)	4292502870 (0xFFDA6556)
YUV	134.2730, -23.7986, 73.4286
Hunter-Lab	49.8846, 38.8243, 20.9543

Details

The XYZ color **35.2468, 24.8847, 11.7496** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **37.8468, 49.7488, 73.9369**, and the grayscale version is **22.8270, 24.0158, 26.1532**.

A 20% lighter version of the original color is **57.4053, 46.4803, 29.2386**, and **15.5405, 9.5362, 3.0291** is the 20% darker color. If you saturate the color by 10%, you get **32.8380, 21.2651, 7.2543**, and if you desaturate by 10%, it is **38.3655, 29.4960, 17.8031**.

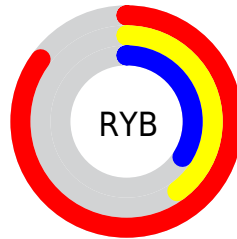
Distribution



Red (85%)

Green (40%)

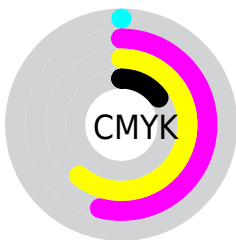
Blue (34%)



Red (85%)

Yellow (40%)

Blue (34%)

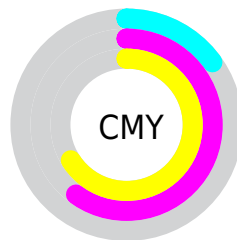


Cyan (0%)

Magenta (54%)

Yellow (61%)

Black (15%)



Cyan (15%)


Magenta (60%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2468, 24.8847, 11.7496 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 35.2468, 24.8847, 11.7496 by changing the saturation by 10% instead.

 35.2468, 24.8847,
11.7496


 35.2468, 24.8847,
11.7496


317.1453,
277.2633, 213.6592


 24.0205, 15.9912,
6.4529


 67.1994, 51.4701,
29.6958


 15.4736, 9.5179,
3.0492


 88.6564, 69.9308,
43.1824

 9.2409, 5.0805,
1.1198


 114.2543, 92.3493,
60.2360

 4.9570, 2.2946,
0.0000

 144.3586,
119.1100, 81.2753

 2.2566, 0.7708,
0.0000

 179.3344,
150.5974, 106.7187

 0.7723, 0.0000,
0.0000

219.5472,

 0.0000, 0.0000,

187.1958, 136.9848

0.0000

265.3624,
229.2896, 172.4921

■ 35.2468, 24.8847,
11.7496

■ 35.2468, 24.8847,
11.7496

■ 32.8380, 21.2651,
7.2543

■ 38.3655, 29.4960,
17.8031

■ 31.0809, 18.5604,
4.1727

■ 42.2428, 35.1605,
25.5391

■ 29.9104, 16.6889,
2.3351

■ 46.9251, 41.9394,
35.0710

■ 29.2563, 15.5914,
1.4675

■ 52.4544, 49.8880,
46.5017

■ 58.8699, 59.0580,
59.9266

■ 66.2082, 69.4978,
75.4345

■ 74.5041, 81.2535,
93.1089

■ 82.7232, 93.6453,
108.3231

Harmonies

Analogous

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



38.0552, 24.8847, 24.5194



35.2468, 24.8847, 11.7496



29.3459, 24.8847, 6.2017

Triad

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



35.2468, 24.8847, 11.7496



14.2544, 24.8847, 14.5940



24.5939, 24.8847, 79.1423

Complementary

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



35.2468, 24.8847, 11.7496



37.8468, 49.7488, 73.9369

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.



18.7471, 24.8847, 72.5004



35.2468, 24.8847, 11.7496



13.4370, 24.8847, 29.8453

Square

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



35.2468, 24.8847, 11.7496



17.4017, 24.8847, 7.2521



14.9279, 24.8847, 52.0477



31.2444, 24.8847, 67.4898

Rectangle

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



35.2468, 24.8847, 11.7496



24.8739, 24.8847, 5.0543



14.9279, 24.8847, 52.0477



22.4711, 24.8847, 79.0032

Sweetspot

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



35.2474, 24.8860, 11.7500



76.8882, 74.1228, 70.6412



43.2363, 25.9591, 60.3626



15.9152, 15.0888, 13.9911



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.



35.2474, 24.8860, 11.7500



45.9668, 29.0023, 8.7811



44.0842, 42.5597, 14.6956



13.1747, 13.2887, 13.5962



17.5673, 9.4202, 0.8924



1.1789, 0.6918, 0.0714

Inverse Universe

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



37.8468, 49.7488, 73.9369



49.8700, 67.2325, 104.9565



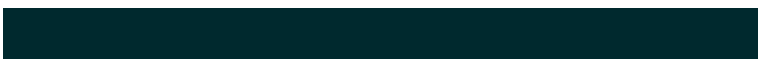
25.6963, 25.4478, 69.8868



13.3119, 14.5635, 16.7616



19.0855, 26.0405, 43.7588



1.2731, 1.7604, 2.8471

Previews

White Background



This preview shows how the XYZ color 35.2468, 24.8847, 11.7496 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 35.2468, 24.8847, 11.7496 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 35.2468, 24.8847, 11.7496

Background



This preview shows how black text looks on a background with the XYZ color 35.2468, 24.8847, 11.7496.



This preview shows how white text looks on a background with the XYZ color 35.2468, 24.8847,

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

35.2468, 24.8847, 11.7496

Protanopia

23.3272, 25.0339, 15.9145

Deuteranopia

25.5379, 25.0422, 11.2722



Tritanopia

36.1309, 24.8154, 16.2501

Trichromacy



Original Color

35.2468, 24.8847, 11.7496

Protanomaly

26.5526, 24.1441, 14.3271

Deuteranomaly

28.5275, 24.4966, 11.4084

Tritanomaly

35.8799, 24.8656, 14.4637

Monochromacy



Original Color

35.2468, 24.8847, 11.7496

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.6875, 23.2028, 19.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2468, 24.8847, 11.7496 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(218, 101, 86)` looks like.

```
.text, #text, p{  
    color:rgb(218, 101, 86)  
}
```

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(218, 101, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 101, 86) }
```

Border

The CSS property to change the border of an element to XYZ 35.2468, 24.8847, 11.7496 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(218, 101, 86) }
```


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

```
.border{ border-color:rgb(218, 101, 86) }
```

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

Here you see how a box with a 4 pixel rgb(218, 101, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 101, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 101, 86);  
box-shadow:4px 4px 4px 4px rgb(218, 101,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2468, 24.8847, 11.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 101, 86) }
```

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

```
.background{ background-color: rgb(218,  
101, 86) }
```

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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