

Converting Colors

XYZ(26.1884, 14.5417, 11.5771)

Have a look what the booklet for
XYZ(26.1884, 14.5417, 11.5771)
contains.

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Color

**XYZ(26.0843, 14.5062,
11.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	C62B5C
RGB	198, 43, 92
RGB Percent	78%, 17%, 36%
CMY	0.2235, 0.8313, 0.6392
CMYK	0.00, 0.78, 0.54, 0.22
HSL	341°, 64%, 47%
HSV	341°, 78%, 78%
XYZ	26.0843, 14.5062, 11.5504
YIQ	94.9310, 76.6510, 48.0990

Conversions

Conversions Part 2

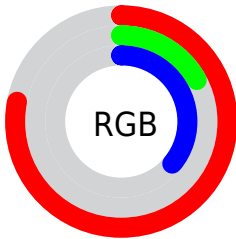
Format	Color
RYB	198, 43, 92
Decimal	12987228
CIELab	44.95, 62.21, 10.41
CIElCh	45, 63.074, 9.500
Yxy	14.5062, 0.5003, 0.2782
Android (android.graphics.Color)	4291177308 (0xFFC62B5C)
YUV	94.9310, -1.4450, 90.3915
Hunter-Lab	38.0870, 55.5954, 8.6804

Details

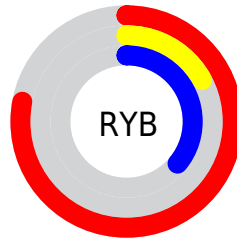
The XYZ color **26.0843, 14.5062, 11.5504** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26.6164, 43.0721, 35.3494**, and the grayscale version is **10.8524, 11.4176, 12.4338**.

A 20% lighter version of the original color is **51.0728, 33.1136, 29.2909**, and **10.9943, 5.6085, 3.1924** is the 20% darker color. If you saturate the color by 10%, you get **24.9909, 13.1836, 8.5218**, and if you desaturate by 10%, it is **27.6334, 16.5710, 15.2532**.

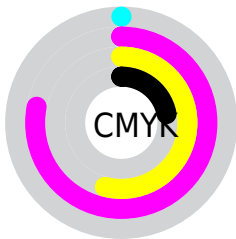
Distribution



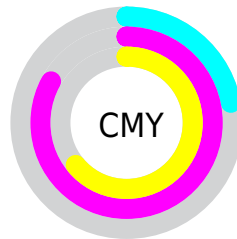
- Red (78%)
- Green (17%)
- Blue (36%)



- Red (78%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (54%)
- Black (22%)





- Cyan (22%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0843, 14.5062, 11.5504 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 26.0843, 14.5062, 11.5504 by changing the saturation by 10% instead.

 26.0843, 14.5062,
11.5504


 26.0843, 14.5062,
11.5504


275.4448,
220.3576, 212.2768


 17.0197, 8.4736,
6.3195


 52.8412, 33.9845,
29.3256


 10.3439, 4.3994,
2.9684


 71.2643, 48.1991,
42.7070


 5.6916, 1.8994,
1.0785

 93.5376, 65.9096,
59.6424

 2.6973, 0.5480,
0.0000

 120.0265, 87.5007,
80.5502

 0.9958, 0.0000,
0.0000

 151.0963,
113.3566, 105.8490

 0.0000, 0.0000,
0.0000

 187.1124,

143.8618, 135.9573

228.4401,
179.4007, 171.2938

■ 26.0843, 14.5062,
11.5504

■ 26.0843, 14.5062,
11.5504

■ 24.9909, 13.1836,
8.5218

■ 27.6334, 16.5710,
15.2532

■ 24.2773, 12.4605,
6.1140

■ 29.6870, 19.4669,
19.6719

■ 24.1742, 12.3599,
5.7534

■ 32.2883, 23.2727,
24.8451

■ 35.4754, 28.0574,
30.8081

■ 39.2830, 33.8831,
37.5938

■ 43.7428, 40.8069,
45.2331

■ 48.8844, 48.8817,
53.7554

■ 54.7356, 58.1569,
63.1885

■ 61.3225, 68.6791,
73.5588

Harmonies

Analogous

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



25.3379, 14.5062, 27.9950



26.0843, 14.5062, 11.5504



22.9575, 14.5062, 3.7321

Triad

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



26.0843, 14.5062, 11.5504



8.3866, 14.5062, 2.4441



10.5942, 14.5062, 60.2171

Complementary

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



26.0843, 14.5062, 11.5504



26.6164, 43.0721, 35.3494

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.



7.4569, 14.5062, 41.6705



26.0843, 14.5062, 11.5504



6.4210, 14.5062, 7.7817

Square

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



26.0843, 14.5062, 11.5504



12.2128, 14.5062, 1.0730



6.1295, 14.5062, 20.9692



15.4925, 14.5062, 63.7266

Rectangle

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



26.0843, 14.5062, 11.5504



19.4669, 14.5062, 1.7780



6.1295, 14.5062, 20.9692



9.3368, 14.5062, 55.1573

Sweetspot

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



26.0847, 14.5070, 11.5506



73.3103, 65.7985, 73.0511



23.4372, 12.1879, 54.5430



15.0893, 13.1512, 14.5972



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.



26.0847, 14.5070, 11.5506



43.3062, 22.3666, 11.9468



26.0053, 16.7411, 4.1474



10.7697, 10.6913, 11.7705



15.7557, 8.0519, 3.9237



0.7792, 0.3945, 0.3604

Inverse Universe

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



26.0847, 14.5070, 11.5506



43.3062, 22.3666, 11.9468



25.4868, 33.1852, 58.4879



10.7697, 10.6913, 11.7705



15.7557, 8.0519, 3.9237



0.7792, 0.3945, 0.3604

Previews

White Background



This preview shows how the XYZ color 26.0843, 14.5062, 11.5504 looks on a white 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

Black Background



This preview shows how the XYZ color 26.0843, 14.5062, 11.5504 looks on a black 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

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

XYZ 26.0843, 14.5062, 11.5504

Background



This preview shows how black text looks on a background with the XYZ color 26.0843, 14.5062, 11.5504.

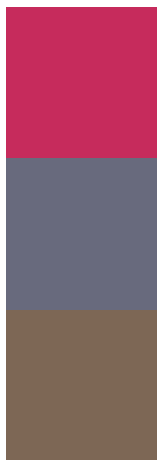


This preview shows how white text looks on a background with the XYZ color 26.0843, 14.5062,

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

26.0843, 14.5062, 11.5504

Protanopia

14.5646, 14.7318, 21.4779

Deuteranopia

14.9474, 14.7163, 10.6471



Tritanopia

24.6588, 14.4581, 4.9811

Trichromacy



Original Color

26.0843, 14.5062, 11.5504

Protanomaly

16.5551, 12.7820, 17.2174

Deuteranomaly

17.6528, 13.2648, 10.8625

Tritanomaly

25.1677, 14.4843, 6.9381

Monochromacy



Original Color

26.0843, 14.5062, 11.5504

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

14.1205, 10.8826, 11.9460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0843, 14.5062, 11.5504 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(198, 43, 92)` looks like.

```
.text, #text, p{  
    color:rgb(198, 43, 92)  
}
```

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(198, 43, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 43, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.0843, 14.5062, 11.5504 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(198, 43, 92) }
```


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

```
.border{ border-color:rgb(198, 43, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 43, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 43, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 43, 92);  
box-shadow:4px 4px 4px 4px rgb(198, 43,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0843, 14.5062, 11.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 43, 92) }
```

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

```
.background{ background-color: rgb(198, 43,  
92) }
```

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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