

Converting Colors

XYZ(26.5239, 14.6087, 3.1430)

Have a look what the booklet for
XYZ(26.5239, 14.6087, 3.1430)
contains.

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Color

**XYZ(26.4491, 14.5785,
3.1702)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2525
RGB	206, 37, 37
RGB Percent	81%, 15%, 15%
CMY	0.1922, 0.8548, 0.8549
CMYK	0.00, 0.82, 0.82, 0.19
HSL	0°, 70%, 48%
HSV	0°, 82%, 81%
XYZ	26.4491, 14.5785, 3.1702
YIQ	87.5310, 100.7240, 35.8280

Conversions

Conversions Part 2

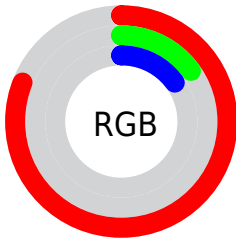
Format	Color
RYB	206, 37, 37
Decimal	13509925
CIELab	45.05, 63.28, 43.73
CIELCh	45, 76.922, 34.648
Yxy	14.5785, 0.5984, 0.3298
Android (android.graphics.Color)	4291700005 (0xFFCE2525)
YUV	87.5310, -24.9118, 103.8973
Hunter-Lab	38.1818, 56.8314, 21.8045

Details

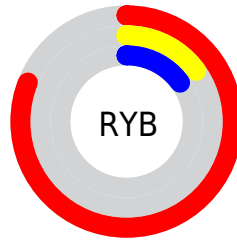
The XYZ color **26.4491, 14.5785, 3.1702** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.9711, 48.9848, 66.0566**, and the grayscale version is **9.2123, 9.6921, 10.5547**.

A 20% lighter version of the original color is **47.3585, 30.9989, 11.6709**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.7415, 13.5434, 1.7635**, and if you desaturate by 10%, it is **27.7007, 16.4105, 5.6575**.

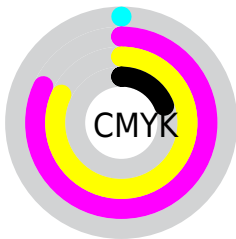
Distribution



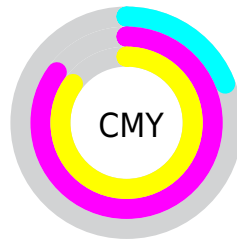
- Red (81%)
- Green (15%)
- Blue (15%)



- Red (81%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4491, 14.5785, 3.1702 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 26.4491, 14.5785, 3.1702 by changing the saturation by 10% instead.


 26.4491, 14.5785,
3.1702


 26.4491, 14.5785,
3.1702


277.1962,
220.8006, 138.4997


 17.2944, 8.5241,
1.1822


 53.4247, 34.1120,
12.0456


 10.5412, 4.4321,
0.0000


 71.9763, 48.3600,
19.7701


 5.8242, 1.9181,
0.0000

 94.3909, 66.1078,
30.2438

 2.7781, 0.5592,
0.0000

 121.0338, 87.7401,
43.8853


 1.0376, 0.0000,
0.0000

 152.2705,
113.6411, 61.1130

 0.0000, 0.0000,
0.0000


 188.4662,

144.1953, 82.3457

 229.9863,
179.7870, 108.0017


 26.4491, 14.5785,
3.1702


 26.4491, 14.5785,
3.1702

 25.7415, 13.5434,
1.7635


 27.7007, 16.4105,
5.6575

 25.4536, 13.1221,
1.1913

 29.5752, 19.1536,
9.3838

 32.1399, 22.9065,
14.4819

 35.4528, 27.7543,
21.0677

 39.5661, 33.7732,
29.2447

■ 44.5271, 41.0326,
39.1071

■ 50.3796, 49.5964,
50.7418

■ 57.1643, 59.5242,
64.2297

■ 64.9193, 70.8719,
79.6469

Harmonies

Analogous

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



29.8388, 14.5785, 13.2171



26.4491, 14.5785, 3.1702



19.7375, 14.5785, 0.5705

Triad

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



26.4491, 14.5785, 3.1702



5.5208, 14.5785, 5.1492



14.8647, 14.5785, 81.9566

Complementary

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



26.4491, 14.5785, 3.1702



33.9711, 48.9848, 66.0566

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.



9.2777, 14.5785, 72.6625



26.4491, 14.5785, 3.1702



4.9312, 14.5785, 18.8640

Square

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



26.4491, 14.5785, 3.1702



8.0326, 14.5785, 1.0070



6.0713, 14.5785, 45.0171



21.9765, 14.5785, 65.1615

Rectangle

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



26.4491, 14.5785, 3.1702



15.0209, 14.5785, 0.0761



6.0713, 14.5785, 45.0171



12.7537, 14.5785, 81.8454

Sweetspot

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



26.4494, 14.5794, 3.1704



69.3581, 62.4058, 57.8245



37.2555, 18.9011, 60.0768



14.2342, 12.4630, 11.1617



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.



26.4494, 14.5794, 3.1704



41.3235, 21.3824, 2.0957



32.6857, 27.0519, 5.2492



11.2124, 11.2138, 11.6530



15.6737, 8.0803, 0.7336



0.8086, 0.4169, 0.0379

Inverse Universe

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



33.9711, 48.9848, 66.0566



53.8669, 78.7591, 106.9707



18.8018, 18.6462, 61.0002



11.5432, 12.7269, 14.4185



20.4482, 29.9204, 40.6538



1.0549, 1.5436, 2.0973

Previews

White Background



This preview shows how the XYZ color 26.4491, 14.5785, 3.1702 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 26.4491, 14.5785, 3.1702 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 26.4491, 14.5785, 3.1702

Background



This preview shows how black text looks on a background with the XYZ color 26.4491, 14.5785, 3.1702.



This preview shows how white text looks on a background with the XYZ color 26.4491, 14.5785,

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

26.4491, 14.5785, 3.1702

Protanopia

13.6599, 14.9229, 5.7749

Deuteranopia

15.0310, 14.7875, 2.7239



Tritanopia

26.4336, 14.5723, 3.0886

Trichromacy



Original Color

26.4491, 14.5785, 3.1702

Protanomaly

16.3133, 12.8273, 4.4124

Deuteranomaly

17.6088, 13.1004, 2.5778

Tritanomaly

26.4336, 14.5723, 3.0886

Monochromacy



Original Color

26.4491, 14.5785, 3.1702

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.5624, 9.5112, 6.8040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4491, 14.5785, 3.1702 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(206, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(206, 37, 37)  
}
```

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(206, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 37, 37) }
```

Border

The CSS property to change the border of an element to XYZ 26.4491, 14.5785, 3.1702 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(206, 37, 37) }
```


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

```
.border{ border-color:rgb(206, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(206, 37,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4491, 14.5785, 3.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 37, 37) }
```

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

```
.background{ background-color: rgb(206, 37,  
37) }
```

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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