

Converting Colors

XYZ(26.7531, 16.4773, 7.2392)

Have a look what the booklet for
XYZ(26.7531, 16.4773, 7.2392)
contains.

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Color

**XYZ(26.7531, 16.4773,
7.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	C84144
RGB	200, 65, 68
RGB Percent	78%, 25%, 27%
CMY	0.2157, 0.7451, 0.7333
CMYK	0.00, 0.67, 0.66, 0.22
HSL	359°, 55%, 52%
HSV	359°, 67%, 78%
XYZ	26.7531, 16.4773, 7.2392
YIQ	105.7070, 79.4970, 29.5530

Conversions

Conversions Part 2

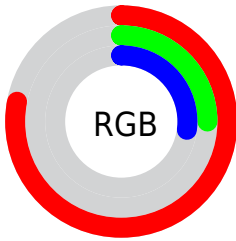
Format	Color
RYB	200, 65, 68
Decimal	13123908
CIELab	47.59, 53.56, 28.62
CIElCh	48, 60.732, 28.119
Yxy	16.4773, 0.5301, 0.3265
Android (android.graphics.Color)	4291313988 (0xFFC84144)
YUV	105.7070, -18.5896, 82.6950
Hunter-Lab	40.5922, 46.6075, 17.8408

Details

The XYZ color **26.7531, 16.4773, 7.2392** 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 **32.9137, 46.4640, 60.0618**, and the grayscale version is **13.6543, 14.3654, 15.6439**.

A 20% lighter version of the original color is **51.1089, 35.9539, 20.7691**, and **10.8229, 5.5592, 1.4223** is the 20% darker color. If you saturate the color by 10%, you get **25.3007, 14.3738, 4.2855**, and if you desaturate by 10%, it is **28.8116, 19.4749, 11.3771**.

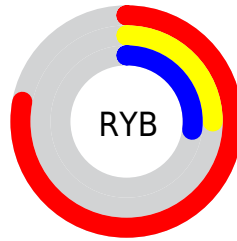
Distribution



Red (78%)

Green (25%)

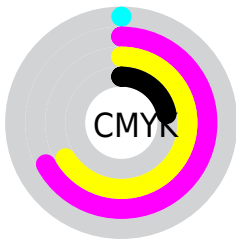
Blue (27%)



Red (78%)

Yellow (25%)

Blue (27%)

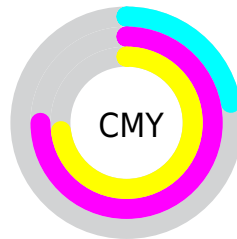


Cyan (0%)

Magenta (67%)

Yellow (66%)

Black (22%)



Cyan (22%)


Magenta (75%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7531, 16.4773, 7.2392 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 26.7531, 16.4773, 7.2392 by changing the saturation by 10% instead.


 26.7531, 16.4773,
7.2392


 26.7531, 16.4773,
7.2392


278.6491,
232.1419, 179.3424


 17.5235, 9.8625,
3.5314


 53.9101, 37.4249,
20.9738


 10.7060, 5.3079,
1.3720


 72.5682, 52.5264,
31.8378


 5.9354, 2.4290,
0.1197


 95.0999, 71.2257,
45.9242

 2.8461, 0.8408,
0.0000

 121.8705, 93.9072,
63.6517

 1.0729, 0.0000,
0.0000

 153.2454,
120.9551, 85.4387

 0.0023, 0.0000,
0.0000

189.5898,

 0.0000, 0.0000,

152.7539, 111.7037

0.0000

231.2693,
189.6881, 142.8655

■ 26.7531, 16.4773,
7.2392

■ 26.7531, 16.4773,
7.2392

■ 25.3007, 14.3738,
4.2855

■ 28.8116, 19.4749,
11.3771

■ 24.3875, 13.0631,
2.3911

■ 31.5316, 23.4481,
16.8054

■ 23.9248, 12.4085,
1.4020

■ 34.9633, 28.4724,
23.6192

■ 23.8436, 12.2890,
1.2426

■ 39.1520, 34.6151,
31.9048

■ 44.1391, 41.9379,
41.7410

■ 49.9630, 50.4979,
53.2015

■ 56.6597, 60.3488,
66.3549

■ 64.2630, 71.5407,
81.2661

■ 72.8050, 84.1214,
97.9964

Harmonies

Analogous

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



28.5391, 16.4773, 18.9377



26.7531, 16.4773, 7.2392



21.8276, 16.4773, 2.6659

Triad

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



26.7531, 16.4773, 7.2392



8.3806, 16.4773, 6.3524



15.3219, 16.4773, 67.2763

Complementary

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



26.7531, 16.4773, 7.2392



32.9137, 46.4640, 60.0618

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.



10.7815, 16.4773, 57.0292



26.7531, 16.4773, 7.2392



7.3910, 16.4773, 16.9799

Square

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



26.7531, 16.4773, 7.2392



11.2496, 16.4773, 2.4006



8.1574, 16.4773, 35.9785



21.0973, 16.4773, 59.1715

Rectangle

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



26.7531, 16.4773, 7.2392



17.9036, 16.4773, 1.7233



8.1574, 16.4773, 35.9785



13.6143, 16.4773, 65.7847

Sweetspot

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



26.7535, 16.4782, 7.2395



73.8680, 68.8598, 67.2381



34.9511, 19.6205, 56.5883



15.2772, 13.9553, 13.3396



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.



26.7535, 16.4782, 7.2395



42.9587, 23.6682, 5.6757



32.4934, 28.1005, 8.7137



10.6432, 10.6407, 11.1046



15.1651, 7.8156, 0.8131



0.7215, 0.3714, 0.0564

Inverse Universe

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



26.7535, 16.4782, 7.2395



42.9587, 23.6682, 5.6757



21.5520, 23.1866, 57.9828



10.6432, 10.6407, 11.1046



15.1651, 7.8156, 0.8131



0.7215, 0.3714, 0.0564

Previews

White Background



This preview shows how the XYZ color 26.7531, 16.4773, 7.2392 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 26.7531, 16.4773, 7.2392 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 26.7531, 16.4773, 7.2392

Background



This preview shows how black text looks on a background with the XYZ color 26.7531, 16.4773, 7.2392.



This preview shows how white text looks on a background with the XYZ color 26.7531, 16.4773,

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

26.7531, 16.4773, 7.2392

Protanopia

15.5106, 16.5633, 11.3964

Deuteranopia

16.8523, 16.5510, 6.7213



Tritanopia

26.7531, 16.4773, 7.2392

Trichromacy



Original Color

26.7531, 16.4773, 7.2392

Protanomaly

18.2085, 15.4290, 9.6078

Deuteranomaly

19.4505, 15.6015, 6.8367

Tritanomaly

26.7531, 16.4773, 7.2392

Monochromacy



Original Color

26.7531, 16.4773, 7.2392

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.4881, 13.8303, 11.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7531, 16.4773, 7.2392 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(200, 65, 68)` looks like.

```
.text, #text, p{  
    color:rgb(200, 65, 68)  
}
```

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(200, 65, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 65, 68) }
```

Border

The CSS property to change the border of an element to XYZ 26.7531, 16.4773, 7.2392 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(200, 65, 68) }
```


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

```
.border{ border-color:rgb(200, 65, 68) }
```

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

Here you see how a box with a 4 pixel rgb(200, 65, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 65, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 65, 68);  
box-shadow:4px 4px 4px 4px rgb(200, 65,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7531, 16.4773, 7.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 65, 68) }
```

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

```
.background{ background-color: rgb(200, 65,  
68) }
```

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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