

Converting Colors

XYZ(27.0012, 19.3778, 12.4679)

Have a look what the booklet for
XYZ(27.0012, 19.3778, 12.4679)
contains.

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Color

**XYZ(26.9941, 19.3741,
12.4421)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5C5C
RGB	190, 92, 92
RGB Percent	75%, 36%, 36%
CMY	0.2549, 0.6392, 0.6392
CMYK	0.00, 0.52, 0.52, 0.25
HSL	0°, 43%, 55%
HSV	0°, 52%, 75%
XYZ	26.9941, 19.3741, 12.4421
YIQ	121.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

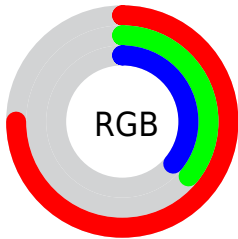
Format	Color
R_{YB}	190, 92, 92
Decimal	12475484
CIE _{Lab}	51.12, 39.34, 18.67
CIE _{LCh}	51, 43.548, 25.393
Yxy	19.3741, 0.4590, 0.3294
Android (android.graphics.Color)	4290665564 (0xFFBE5C5C)
YUV	121.3020, -14.4459, 60.2481
Hunter-Lab	44.0160, 32.4423, 14.0516

Details

The XYZ color **26.9941, 19.3741, 12.4421** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.1203, 42.8178, 55.2868**, and the grayscale version is **18.3043, 19.2576, 20.9715**.

A 20% lighter version of the original color is **54.4322, 42.5278, 30.9310**, and **10.8018, 6.6887, 3.3065** is the 20% darker color. If you saturate the color by 10%, you get **24.8207, 16.1941, 8.1211**, and if you desaturate by 10%, it is **29.7894, 23.4648, 17.9983**.

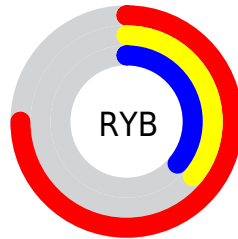
Distribution



Red (75%)

Green (36%)

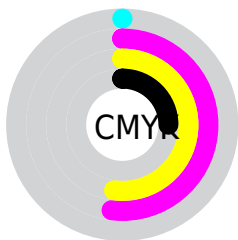
Blue (36%)



Red (75%)

Yellow (36%)

Blue (36%)

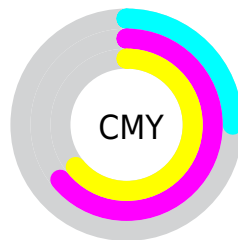


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (25%)



Cyan (25%)


Magenta (64%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9941, 19.3741, 12.4421 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 26.9941, 19.3741, 12.4421 by changing the saturation by 10% instead.


 26.9941, 19.3741,
12.4421


 26.9941, 19.3741,
12.4421


279.7966,
248.5063, 218.3913


 17.7054, 11.9409,
6.9193

 54.2944, 42.3653,
30.9741


 10.8371, 6.7034,
3.3340


 73.0366, 58.6921,
44.8205

 6.0239, 3.2773,
1.2676


 95.6607, 78.7522,
62.2784

 2.9004, 1.2782,
0.0350

 122.5320,
102.9300, 83.7666

 1.1013, 0.1242,
0.0000

154.0159,
131.6099, 109.7034

 0.0262, 0.0000,
0.0000

190.4777,

 0.0000, 0.0000,

165.1763, 140.5074

0.0000

232.2828,
204.0137, 176.5972

■ 26.9941, 19.3741,
12.4421

■ 26.9941, 19.3741,
12.4421

■ 24.8207, 16.1941,
8.1211

■ 29.7894, 23.4648,
17.9983

■ 23.2205, 13.8525,
4.9401

■ 33.2476, 28.5251,
24.8730

■ 22.1398, 12.2710,
2.7918

■ 37.4079, 34.6129,
33.1435

■ 21.5141, 11.3554,
1.5481

■ 42.3061, 41.7803,
42.8809

■ 21.2352, 10.9473,
0.9938

■ 47.9754, 50.0761,
54.1513

■ 54.4471, 59.5460,
67.0169

■ 61.7508, 70.2333,
81.5365

■ 69.9145, 82.1791,
97.7658

■ 75.0451, 89.6871,
107.9638

Harmonies

Analogous

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



28.0086, 19.3741, 23.0661



26.9941, 19.3741, 12.4421



23.5523, 19.3741, 6.9383

Triad

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



26.9941, 19.3741, 12.4421



12.3833, 19.3741, 10.2547



17.7547, 19.3741, 54.8491

Complementary

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



26.9941, 19.3741, 12.4421



32.1203, 42.8178, 55.2868

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.



14.0842, 19.3741, 47.3935



26.9941, 19.3741, 12.4421



11.3075, 19.3741, 19.2397

Square

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



26.9941, 19.3741, 12.4421



15.0739, 19.3741, 6.0663



11.8778, 19.3741, 33.0440



22.2155, 19.3741, 50.7505

Rectangle

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



26.9941, 19.3741, 12.4421



20.5920, 19.3741, 5.4234



11.8778, 19.3741, 33.0440



16.3962, 19.3741, 53.5496

Sweetspot

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



26.9946, 19.3751, 12.4424



73.2532, 70.7197, 70.9240



34.3566, 22.3193, 51.2123



15.6680, 14.9181, 14.7437



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9946, 19.3751, 12.4424



44.5041, 28.6514, 13.7727



32.6919, 30.7697, 14.3415



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



32.1203, 42.8178, 55.2868



54.8236, 75.8476, 100.0297



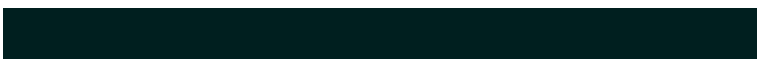
23.2329, 25.0429, 52.3243



9.8086, 10.8095, 12.2417



18.4228, 26.9573, 36.6252



0.7216, 1.0560, 1.4346

Previews

White Background



This preview shows how the XYZ color 26.9941, 19.3741, 12.4421 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 26.9941, 19.3741, 12.4421 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 26.9941, 19.3741, 12.4421

Background



This preview shows how black text looks on a background with the XYZ color 26.9941, 19.3741, 12.4421.



This preview shows how white text looks on a background with the XYZ color 26.9941, 19.3741,

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

26.9941, 19.3741, 12.4421

Protanopia

18.4631, 19.5489, 16.4359

Deuteranopia

19.7998, 19.4469, 11.9426



Tritanopia

27.1340, 19.2924, 13.6029

Trichromacy



Original Color

26.9941, 19.3741, 12.4421

Protanomaly

20.7959, 18.8878, 14.8616

Deuteranomaly

21.8637, 19.0235, 11.9707

Tritanomaly

27.0418, 19.2555, 13.1179

Monochromacy



Original Color

26.9941, 19.3741, 12.4421

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2445, 18.3886, 17.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9941, 19.3741, 12.4421 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(190, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(190, 92, 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(190, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 92, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.9941, 19.3741, 12.4421 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(190, 92, 92) }
```


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

```
.border{ border-color:rgb(190, 92, 92) }
```

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

Here you see how a box with a 4 pixel rgb(190, 92, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(190, 92,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9941, 19.3741, 12.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 92, 92) }
```

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

```
.background{ background-color: rgb(190, 92,  
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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