

Converting Colors

XYZ(27.7962, 20.5417, 15.6350)

Have a look what the booklet for
XYZ(27.7962, 20.5417, 15.6350)
contains.

XYZ(27.8526, 20.5537, 15.5960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.8526, 20.5537,
15.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6268
RGB	189, 98, 104
RGB Percent	74%, 38%, 41%
CMY	0.2588, 0.6157, 0.5922
CMYK	0.00, 0.48, 0.45, 0.26
HSL	356°, 41%, 56%
HSV	356°, 48%, 74%
XYZ	27.8526, 20.5537, 15.5960
YIQ	125.8930, 52.3100, 21.1580

Conversions

Conversions Part 2

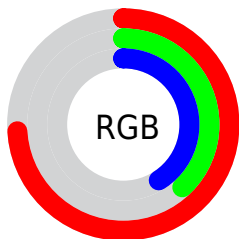
Format	Color
RYB	189, 98, 104
Decimal	12411496
CIELab	52.46, 37.03, 13.39
CIELCh	52, 39.377, 19.874
Yxy	20.5537, 0.4352, 0.3211
Android (android.graphics.Color)	4290601576 (0xFFBD6268)
YUV	125.8930, -10.7932, 55.3448
Hunter-Lab	45.3362, 30.3244, 11.3391

Details

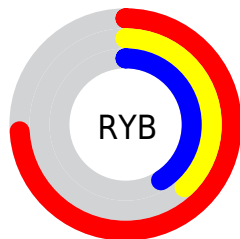
The XYZ color **27.8526, 20.5537, 15.5960** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.7829, 42.4111, 51.3134**, and the grayscale version is **19.8185, 20.8507, 22.7064**.

A 20% lighter version of the original color is **55.6944, 44.4562, 36.6558**, and **11.3112, 7.3148, 4.6866** is the 20% darker color. If you saturate the color by 10%, you get **25.4835, 17.1035, 10.8356**, and if you desaturate by 10%, it is **30.8280, 24.9161, 21.4852**.

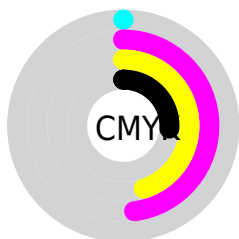
Distribution



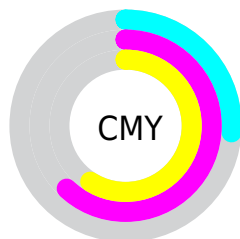
- Red (74%)
- Green (38%)
- Blue (41%)



- Red (74%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (45%)
- Black (26%)





- Cyan (26%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8526, 20.5537, 15.5960 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 27.8526, 20.5537, 15.5960 by changing the saturation by 10% instead.


 27.8526, 20.5537,
15.5960


 27.8526, 20.5537,
15.5960


283.8548,
254.8971, 238.7096


 18.3545, 12.7982,
9.0875


 55.6593, 44.3436,
36.6524

 11.3060, 7.2897,
4.7007


 74.6986, 61.1467,
52.0373

 6.3419, 3.6439,
2.0171


 97.6490, 81.7345,
71.2182

 3.0967, 1.4764,
0.5658

 124.8758,
106.4913, 94.6134

 1.2051, 0.2721,
0.0000

156.7445,
135.8016, 122.6417

 0.1104, 0.0000,
0.0000

193.6203,

 0.0000, 0.0000,

170.0497, 155.7214

0.0000

235.8686,
209.6201, 194.2712

■ 27.8526, 20.5537,
15.5960

■ 27.8526, 20.5537,
15.5960

■ 25.4835, 17.1035,
10.8356

■ 30.8280, 24.9161,
21.4852

■ 23.6774, 14.4980,
7.1306

■ 34.4459, 30.2456,
28.5677

■ 22.3881, 12.6652,
4.4008


■ 38.7414, 36.5968,
36.9047


■ 21.5608, 11.5202,
2.5543


■ 43.7468, 44.0190,
46.5529


■ 21.1157, 10.9315,
1.4766


■ 49.4920, 52.5585,
57.5653

 21.0553, 10.8464,
1.3463

 56.0054, 62.2588,
69.9922

 63.3141, 73.1611,
83.8812

 71.4434, 85.3046,
99.2778

 74.7961, 89.5588,
107.9521

Harmonies

Analogous

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



28.2906, 20.5537, 26.5531



27.8526, 20.5537, 15.5960



25.0220, 20.5537, 9.2502

Triad

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



27.8526, 20.5537, 15.5960



14.1450, 20.5537, 10.8254



18.1926, 20.5537, 52.4638

Complementary

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



27.8526, 20.5537, 15.5960



31.7829, 42.4111, 51.3134

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.



14.9163, 20.5537, 44.2466



27.8526, 20.5537, 15.5960



12.8036, 20.5537, 18.6678

Square

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



27.8526, 20.5537, 15.5960



16.9957, 20.5537, 7.2326



13.0649, 20.5537, 30.8901



22.3168, 20.5537, 50.7446

Rectangle

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



27.8526, 20.5537, 15.5960



22.3523, 20.5537, 7.2485



13.0649, 20.5537, 30.8901



16.9662, 20.5537, 50.6863

Sweetspot

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



27.8531, 20.5548, 15.5964



72.7467, 70.5241, 72.5867



33.0661, 22.4697, 50.7381



15.2405, 14.5681, 14.8309



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.8531, 20.5548, 15.5964



45.3525, 30.2141, 18.8205



32.1989, 29.7164, 15.5956



9.5550, 9.5463, 10.0455



14.1773, 7.3021, 0.9614



0.5641, 0.2896, 0.0840

Inverse Universe

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



27.8531, 20.5548, 15.5964



45.3525, 30.2141, 18.8205



25.0606, 27.9465, 52.2172



9.5550, 9.5463, 10.0455



14.1773, 7.3021, 0.9614



0.5641, 0.2896, 0.0840

Previews

White Background



This preview shows how the XYZ color 27.8526, 20.5537, 15.5960 looks on a white background.

Color Contrast Check

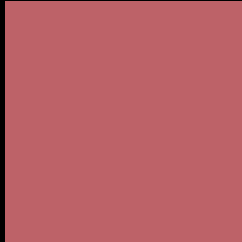
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8526, 20.5537, 15.5960 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 27.8526, 20.5537, 15.5960

Background



This preview shows how black text looks on a background with the XYZ color 27.8526, 20.5537, 15.5960.



This preview shows how white text looks on a background with the XYZ color 27.8526, 20.5537,

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

27.8526, 20.5537, 15.5960

Protanopia

19.8096, 20.7211, 20.0950

Deuteranopia

21.1702, 20.7979, 14.9552



Tritanopia

27.9038, 20.5741, 15.8651

Trichromacy



Original Color

27.8526, 20.5537, 15.5960

Protanomaly

21.8739, 20.0330, 18.3367

Deuteranomaly

23.1544, 20.4312, 15.0352

Tritanomaly

27.9038, 20.5741, 15.8651

Monochromacy



Original Color

27.8526, 20.5537, 15.5960

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.9098, 20.1883, 19.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8526, 20.5537, 15.5960 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(189, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(189, 98, 104)  
}
```

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(189, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 98, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.8526, 20.5537, 15.5960 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(189, 98, 104) }
```


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

```
.border{ border-color:rgb(189, 98, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 98, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(189, 98,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8526, 20.5537, 15.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 98, 104) }
```

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

```
.background{ background-color: rgb(189, 98,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor