

Converting Colors

XYZ(27.4570, 21.9737, 12.0950)

Have a look what the booklet for
XYZ(27.4570, 21.9737, 12.0950)
contains.

XYZ(27.3737, 21.8688, 12.0109)	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(27.3737, 21.8688,
12.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6C58
RGB	186, 108, 88
RGB Percent	73%, 42%, 35%
CMY	0.2706, 0.5764, 0.6549
CMYK	0.00, 0.42, 0.53, 0.27
HSL	12°, 42%, 54%
HSV	12°, 53%, 73%
XYZ	27.3737, 21.8688, 12.0109
YIQ	129.0420, 52.9080, 10.3160

Conversions

Conversions Part 2

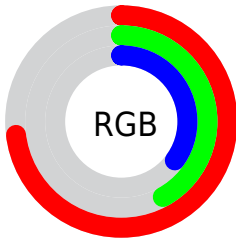
Format	Color
R _Y B	186, 113, 88
Decimal	12217432
CIE Lab	53.89, 28.95, 24.58
CIE LCh	54, 37.979, 40.326
Yxy	21.8688, 0.4469, 0.3570
Android (android.graphics.Color)	4290407512 (0xFFBA6C58)
YUV	129.0420, -20.2337, 49.9522
Hunter-Lab	46.7641, 22.6491, 17.5068

Details

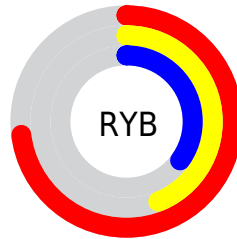
The XYZ color **27.3737, 21.8688, 12.0109** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.5229, 32.8907, 51.4048**, and the grayscale version is **20.9372, 22.0275, 23.9880**.

A 20% lighter version of the original color is **54.8144, 46.3891, 30.1097**, and **11.0351, 7.9622, 3.1457** is the 20% darker color. If you saturate the color by 10%, you get **25.2684, 18.7380, 7.9807**, and if you desaturate by 10%, it is **29.9417, 25.6107, 17.1654**.

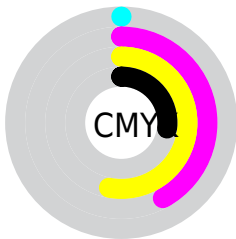
Distribution



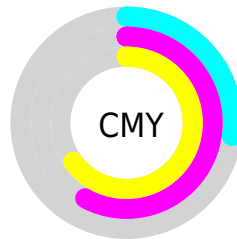
- Red (73%)
- Green (42%)
- Blue (35%)



- Red (73%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3737, 21.8688, 12.0109 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 27.3737, 21.8688, 12.0109 by changing the saturation by 10% instead.


 27.3737, 21.8688,
12.0109


 27.3737, 21.8688,
12.0109


281.5967,
261.8604, 215.4579


 17.9921, 13.7605,
6.6285


 54.8986, 46.5291,
30.1797

 11.0440, 7.9543,
3.1560


 73.7727, 63.8498,
43.8031


 6.1639, 4.0657,
1.1748


 96.5416, 85.0102,
61.0105

 2.9866, 1.7104,
0.0000

 123.5707,
110.3946, 82.2206

 1.1467, 0.4304,
0.0000

 155.2255,
140.3875, 107.8519

 0.0636, 0.0000,
0.0000

191.8711,

 0.0000, 0.0000,

175.3731, 138.3228

0.0000

233.8731,
215.7359, 174.0520

■ 27.3737, 21.8688,
12.0109

■ 27.3737, 21.8688,
12.0109

■ 25.2684, 18.7380,
7.9807

■ 29.9417, 25.6107,
17.1654

■ 23.5956, 16.1820,
4.9888

■ 32.9970, 29.9906,
23.5191

■ 22.3237, 14.1658,
2.9386

■ 36.5642, 35.0380,
31.1418

■ 21.4159, 12.6490,
1.7142

■ 40.6656, 40.7794,
40.0975

■ 20.9417, 11.8232,
1.1784

■ 45.3225, 47.2399,
50.4460

■ 50.5548, 54.4434,
62.2435

■ 56.3813, 62.4126,
75.5428

■ 62.8203, 71.1692,
90.3943

■ 69.8242, 80.7083,
106.5059

Harmonies

Analogous

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



29.5189, 21.8688, 19.9993



27.3737, 21.8688, 12.0109



23.5463, 21.8688, 8.2803

Triad

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



27.3737, 21.8688, 12.0109



14.2270, 21.8688, 17.0071



22.2269, 21.8688, 53.5403

Complementary

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



27.3737, 21.8688, 12.0109



26.5229, 32.8907, 51.4048

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.



18.2496, 21.8688, 51.9268



27.3737, 21.8688, 12.0109



13.9710, 21.8688, 28.0795

Square

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



27.3737, 21.8688, 12.0109



16.1019, 21.8688, 10.4406



15.3497, 21.8688, 41.5557



26.2995, 21.8688, 45.4314

Rectangle

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



27.3737, 21.8688, 12.0109



20.7410, 21.8688, 7.6473



15.3497, 21.8688, 41.5557



20.8304, 21.8688, 54.1680

Sweetspot

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



27.3742, 21.8699, 12.0113



70.9361, 70.0452, 66.5879



30.6591, 20.1866, 38.5495



15.2812, 14.9492, 13.9206



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.



27.3742, 21.8699, 12.0113



45.3451, 33.2762, 13.6241



34.0005, 35.1225, 14.2201



9.1492, 9.3013, 9.4200



14.1332, 8.0428, 0.8075



0.5424, 0.3719, 0.0432

Inverse Universe

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



26.5229, 32.8907, 51.4048



43.5636, 55.2176, 92.5634



19.2956, 18.4361, 48.9957



9.1068, 9.8908, 11.5086



13.1451, 16.7498, 33.7933



0.5033, 0.6704, 1.2046

Previews

White Background



This preview shows how the XYZ color 27.3737, 21.8688, 12.0109 looks on a white background.

Color Contrast Check

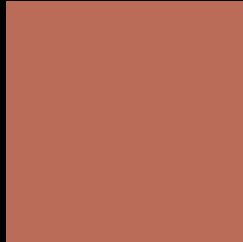
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3737, 21.8688, 12.0109 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 27.3737, 21.8688, 12.0109

Background



This preview shows how black text looks on a background with the XYZ color 27.3737, 21.8688, 12.0109.



This preview shows how white text looks on a background with the XYZ color 27.3737, 21.8688,

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

27.3737, 21.8688, 12.0109

Protanopia

20.4892, 21.9669, 14.4694

Deuteranopia

22.3649, 22.0397, 11.6697



Tritanopia

28.7152, 21.9644, 18.0553

Trichromacy



Original Color

27.3737, 21.8688, 12.0109

Protanomaly

22.3753, 21.4515, 13.5509

Deuteranomaly

23.8840, 21.7357, 11.7407

Tritanomaly

28.0957, 21.8521, 15.5690

Monochromacy



Original Color

27.3737, 21.8688, 12.0109

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.4523, 21.3737, 18.8618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3737, 21.8688, 12.0109 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(186, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 88)  
}
```

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(186, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 88) }
```

Border

The CSS property to change the border of an element to XYZ 27.3737, 21.8688, 12.0109 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(186, 108, 88) }
```


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

```
.border{ border-color:rgb(186, 108, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 108, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(186, 108,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3737, 21.8688, 12.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 88) }
```

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

```
.background{ background-color: rgb(186,  
108, 88) }
```

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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