

Converting Colors

XYZ(26.7379, 20.8991, 13.2144)

Have a look what the booklet for
XYZ(26.7379, 20.8991, 13.2144)
contains.

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Color

**XYZ(26.7379, 20.8991,
13.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	B8685E
RGB	184, 104, 94
RGB Percent	72%, 41%, 37%
CMY	0.2784, 0.5921, 0.6314
CMYK	0.00, 0.43, 0.49, 0.28
HSL	7°, 39%, 55%
HSV	7°, 49%, 72%
XYZ	26.7379, 20.8991, 13.2144
YIQ	126.7800, 50.8900, 13.8500

Conversions

Conversions Part 2

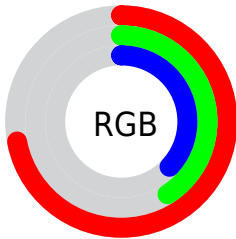
Format	Color
RYB	184, 105, 94
Decimal	12085342
CIELab	52.84, 30.90, 19.67
CIElCh	53, 36.626, 32.478
Yxy	20.8991, 0.4394, 0.3434
Android (android.graphics.Color)	4290275422 (0xFFB8685E)
YUV	126.7800, -16.1605, 50.1819
Hunter-Lab	45.7155, 24.3981, 14.8627

Details

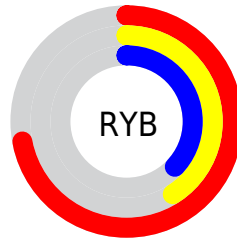
The XYZ color **26.7379, 20.8991, 13.2144** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.4032, 36.1110, 50.8205**, and the grayscale version is **20.1393, 21.1881, 23.0738**.

A 20% lighter version of the original color is **53.8847, 44.8452, 32.2015**, and **10.6521, 7.4578, 3.6744** is the 20% darker color. If you saturate the color by 10%, you get **24.5189, 17.6288, 8.8754**, and if you desaturate by 10%, it is **29.4740, 24.8888, 18.6971**.

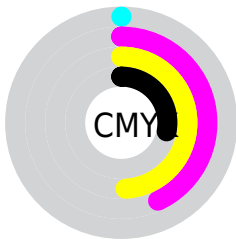
Distribution



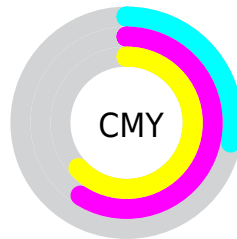
- Red (72%)
- Green (41%)
- Blue (37%)



- Red (72%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (43%)
- Yellow (49%)
- Black (28%)





- Cyan (28%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7379, 20.8991, 13.2144 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 26.7379, 20.8991, 13.2144 by changing the saturation by 10% instead.

 26.7379, 20.8991,
13.2144


 26.7379, 20.8991,
13.2144


278.5766,
256.7418, 223.5431


 17.5120, 13.0503,
7.4439


 53.8859, 44.9195,
32.3852


 10.6978, 7.4632,
3.6586


 72.5387, 61.8600,
46.6227

 5.9298, 3.7534,
1.4400


 95.0645, 82.5997,
64.5195

 2.8427, 1.5366,
0.1726

 121.8287,
107.5231, 86.4942

 1.0711, 0.3143,
0.0000

153.1967,
137.0146, 112.9653

 0.0007, 0.0000,
0.0000

189.5338,

 0.0000, 0.0000,

171.4587, 144.3515

0.0000

231.2053,
211.2396, 181.0713

■ 26.7379, 20.8991,
13.2144

■ 26.7379, 20.8991,
13.2144

■ 24.5189, 17.6288,
8.8754

■ 29.4740, 24.8888,
18.6971

■ 22.7828, 15.0319,
5.5979

■ 32.7556, 29.6339,
25.3956

■ 21.4935, 13.0623,
3.2907


■ 36.6106, 35.1718,
33.3773


■ 20.6090, 11.6663,
1.8463


■ 41.0649, 41.5366,
42.7042


■ 20.0695, 10.7774,
1.0799


■ 46.1425, 48.7602,
53.4347

 20.0254, 10.7068,
1.0112

 51.8663, 56.8729,
65.6232

 58.2578, 65.9037,
79.3217

 65.3378, 75.8799,
94.5793

 72.3761, 86.5282,
107.4947

Harmonies

Analogous

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



28.1564, 20.8991, 21.8569



26.7379, 20.8991, 13.2144



23.4606, 20.8991, 8.7196

Triad

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



26.7379, 20.8991, 13.2144



14.0287, 20.8991, 14.3431



20.1837, 20.8991, 50.9579

Complementary

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



26.7379, 20.8991, 13.2144



28.4032, 36.1110, 50.8205

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.



16.6551, 20.8991, 47.0171



26.7379, 20.8991, 13.2144



13.3841, 20.8991, 23.6785

Square

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



26.7379, 20.8991, 13.2144



16.1701, 20.8991, 9.2089



14.2824, 20.8991, 36.0457



24.0814, 20.8991, 45.5551

Rectangle

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



26.7379, 20.8991, 13.2144



20.8426, 20.8991, 7.6083



14.2824, 20.8991, 36.0457



18.9165, 20.8991, 50.6818

Sweetspot

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



26.7384, 20.9002, 13.2148



69.1949, 67.8061, 66.4074



31.5078, 21.2911, 43.0065



14.5648, 14.1138, 13.5806



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7384, 20.9002, 13.2148



44.0681, 31.3939, 15.3609



32.3776, 32.1785, 15.0945



9.0829, 9.1687, 9.3979



13.8284, 7.4331, 0.7059



0.5141, 0.3153, 0.0338

Inverse Universe

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



28.4032, 36.1110, 50.8205



47.4008, 62.1861, 91.7094



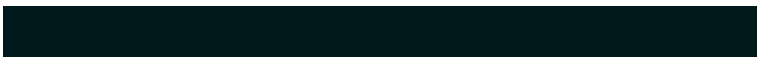
21.2507, 21.8059, 48.4363



9.1791, 10.0355, 11.5327



15.0885, 20.6366, 34.4411



0.5564, 0.7764, 1.2223

Previews

White Background



This preview shows how the XYZ color 26.7379, 20.8991, 13.2144 looks on a white background.

Color Contrast Check

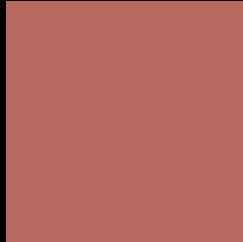
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7379, 20.8991, 13.2144 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 26.7379, 20.8991, 13.2144

Background



This preview shows how black text looks on a background with the XYZ color 26.7379, 20.8991, 13.2144.



This preview shows how white text looks on a background with the XYZ color 26.7379, 20.8991,

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

26.7379, 20.8991, 13.2144

Protanopia

19.7911, 20.9895, 16.1050

Deuteranopia

21.3034, 20.9141, 12.8115



Tritanopia

27.5193, 20.9212, 17.0558

Trichromacy



Original Color

26.7379, 20.8991, 13.2144

Protanomaly

21.7276, 20.5524, 14.8784

Deuteranomaly

22.9628, 20.7156, 12.9134

Tritanomaly

27.3565, 21.0143, 15.7110

Monochromacy



Original Color

26.7379, 20.8991, 13.2144

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9041, 20.7274, 19.0660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7379, 20.8991, 13.2144 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(184, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(184, 104, 94)  
}
```

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(184, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.7379, 20.8991, 13.2144 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(184, 104, 94) }
```


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

```
.border{ border-color:rgb(184, 104, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 104, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(184, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7379, 20.8991, 13.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 104, 94) }
```

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

```
.background{ background-color: rgb(184,  
104, 94) }
```

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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