

Converting Colors

XYZ(29.8311, 22.6521, 21.0092)

Have a look what the booklet for
XYZ(29.8311, 22.6521, 21.0092)
contains.

XYZ(29.8404, 22.6357, 20.8855)	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(29.8404, 22.6357,
20.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6A79
RGB	190, 106, 121
RGB Percent	75%, 42%, 47%
CMY	0.2549, 0.5843, 0.5255
CMYK	0.00, 0.44, 0.36, 0.25
HSL	349°, 39%, 58%
HSV	349°, 44%, 75%
XYZ	29.8404, 22.6357, 20.8855
YIQ	132.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

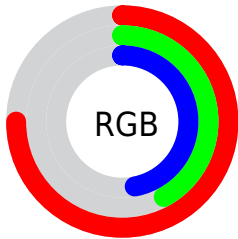
Format	Color
RYB	190, 106, 121
Decimal	12479097
CIELab	54.70, 35.11, 6.55
CIElCh	55, 35.712, 10.560
Yxy	22.6357, 0.4068, 0.3085
Android (android.graphics.Color)	4290669177 (0xFFBE6A79)
YUV	132.8260, -5.8302, 50.1416
Hunter-Lab	47.5770, 28.6959, 7.2766

Details

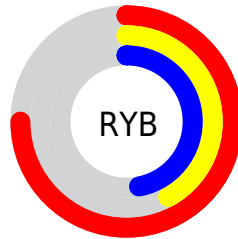
The XYZ color **29.8404, 22.6357, 20.8855** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.0963, 42.9867, 47.1655**, and the grayscale version is **22.2407, 23.3989, 25.4814**.

A 20% lighter version of the original color is **58.6524, 47.7699, 45.6644**, and **12.4483, 8.3777, 7.2643** is the 20% darker color. If you saturate the color by 10%, you get **27.2139, 18.7924, 15.6636**, and if you desaturate by 10%, it is **33.0568, 27.4107, 27.0685**.

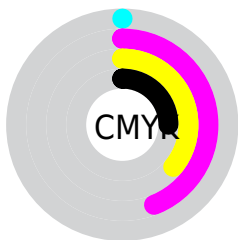
Distribution



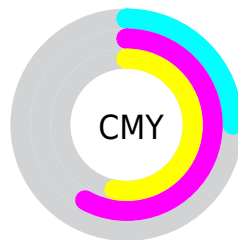
- Red (75%)
- Green (42%)
- Blue (47%)



- Red (75%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8404, 22.6357, 20.8855 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 29.8404, 22.6357, 20.8855 by changing the saturation by 10% instead.


 29.8404, 22.6357,
20.8855


 29.8404, 22.6357,
20.8855


293.0830,
265.8483, 269.4304

 19.8649, 14.3247,
12.8499


 58.7981, 47.7945,
45.7752


 12.4046, 8.3469,
7.1958


 78.5110, 65.4110,
63.4664

 7.0940, 4.3177,
3.5045


 102.2004, 86.8983,
85.2132

 3.5678, 1.8528,
1.3577

 130.2317,
112.6406, 111.4342

 1.4607, 0.5198,
0.1084

162.9703,
143.0224, 142.5478

 0.2988, 0.0000,
0.0000

200.7815,

 0.0000, 0.0000,

178.4280, 178.9727

0.0000

244.0306,
219.2418, 221.1274

■ 29.8404, 22.6357,
20.8855

■ 29.8404, 22.6357,
20.8855

■ 27.2139, 18.7924,
15.6636

■ 33.0568, 27.4107,
27.0685

■ 25.1389, 15.8166,
11.3528

■ 36.8945, 33.1694,
34.2567

■ 23.5757, 13.6410,
7.9002


■ 41.3849, 39.9641,
42.4928


■ 22.4779, 12.1873,
5.2469


■ 46.5566, 47.8422,
51.8169


■ 21.7902, 11.3607,
3.3261


■ 52.4366, 56.8484,
62.2667

 21.5228, 11.0622,
2.5082

 59.0504, 67.0246,
73.8783

 66.4223, 78.4109,
86.6860

 73.6090, 89.1126,
100.4007

 75.0452, 89.6871,
107.9638

Harmonies

Analogous

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



29.4650, 22.6357, 32.5823



29.8404, 22.6357, 20.8855



27.7882, 22.6357, 13.0730

Triad

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



29.8404, 22.6357, 20.8855



16.9612, 22.6357, 11.5798



19.0940, 22.6357, 51.2391

Complementary

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



29.8404, 22.6357, 20.8855



32.0963, 42.9867, 47.1655

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.



16.2643, 22.6357, 41.5874



29.8404, 22.6357, 20.8855



15.1407, 22.6357, 18.1167

Square

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



29.8404, 22.6357, 20.8855



20.1578, 22.6357, 8.8949



14.9022, 22.6357, 28.8337



22.9309, 22.6357, 52.6662

Rectangle

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



29.8404, 22.6357, 20.8855



25.4507, 22.6357, 10.1846



14.9022, 22.6357, 28.8337



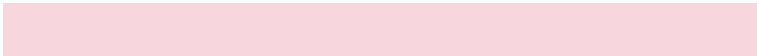
18.0067, 22.6357, 48.7361

Sweetspot

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



29.8410, 22.6368, 20.8859



75.8738, 73.7548, 78.5984



32.0386, 23.0947, 51.4842



16.2324, 15.5448, 16.4798



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.



29.8410, 22.6368, 20.8859



49.4646, 34.2708, 28.6870



32.1704, 28.6546, 17.4725



9.5979, 9.5634, 10.2713



14.3325, 7.3642, 1.7788



0.5830, 0.2971, 0.1835

Inverse Universe

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



29.8410, 22.6368, 20.8859



49.4646, 34.2708, 28.6870



28.4074, 33.1195, 53.6106



9.5979, 9.5634, 10.2713



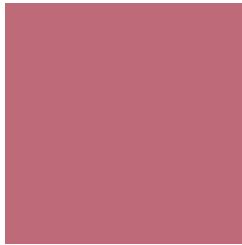
14.3325, 7.3642, 1.7788



0.5830, 0.2971, 0.1835

Previews

White Background



This preview shows how the XYZ color 29.8404, 22.6357, 20.8855 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 29.8404, 22.6357, 20.8855 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 29.8404, 22.6357, 20.8855

Background



This preview shows how black text looks on a background with the XYZ color 29.8404, 22.6357, 20.8855.



This preview shows how white text looks on a background with the XYZ color 29.8404, 22.6357,

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

29.8404, 22.6357, 20.8855

Protanopia

22.1623, 22.9684, 26.1869

Deuteranopia

23.1947, 22.8527, 20.0181



Tritanopia

29.3385, 22.5720, 19.0302

Trichromacy



Original Color

29.8404, 22.6357, 20.8855

Protanomaly

24.3152, 22.4008, 24.1613

Deuteranomaly

25.1767, 22.3942, 20.1351

Tritanomaly

29.4548, 22.6186, 19.6430

Monochromacy



Original Color

29.8404, 22.6357, 20.8855

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.3718, 22.6209, 23.8506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8404, 22.6357, 20.8855 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, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(190, 106, 121)  
}
```

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, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 106, 121) }
```

Border

The CSS property to change the border of an element to XYZ 29.8404, 22.6357, 20.8855 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, 106, 121) }
```


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

```
.border{ border-color:rgb(190, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(190, 106,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8404, 22.6357, 20.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 106, 121) }
```

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

```
.background{ background-color: rgb(190,  
106, 121) }
```

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