

Converting Colors

XYZ(29.4953, 22.6523, 19.8019)

Have a look what the booklet for
XYZ(29.4953, 22.6523, 19.8019)
contains.

XYZ(29.5140, 22.6422, 19.9544)	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(29.5140, 22.6422,
19.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6B76
RGB	189, 107, 118
RGB Percent	74%, 42%, 46%
CMY	0.2588, 0.5804, 0.5373
CMYK	0.00, 0.43, 0.38, 0.26
HSL	352°, 38%, 58%
HSV	352°, 43%, 74%
XYZ	29.5140, 22.6422, 19.9544
YIQ	132.7720, 45.3410, 20.8050

Conversions

Conversions Part 2

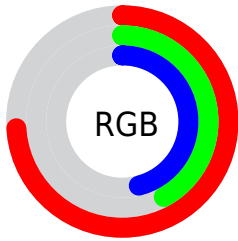
Format	Color
R_{YB}	189, 107, 118
Decimal	12413814
CIE _{Lab}	54.70, 33.83, 8.30
CIE _{LCh}	55, 34.837, 13.778
Yxy	22.6422, 0.4093, 0.3140
Android (android.graphics.Color)	4290603894 (0xFFBD6B76)
YUV	132.7720, -7.2826, 49.3120
Hunter-Lab	47.5838, 27.4434, 8.4453

Details

The XYZ color **29.5140, 22.6422, 19.9544** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.2980, 42.7359, 48.6684**, and the grayscale version is **22.2261, 23.3836, 25.4647**.

A 20% lighter version of the original color is **58.1843, 47.8180, 44.1934**, and **12.2415, 8.3550, 6.7618** is the 20% darker color. If you saturate the color by 10%, you get **26.8649, 18.7676, 14.6824**, and if you desaturate by 10%, it is **32.7637, 27.4478, 26.2596**.

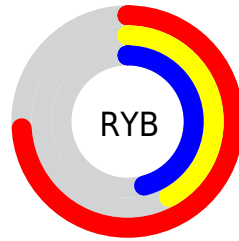
Distribution



Red (74%)

Green (42%)

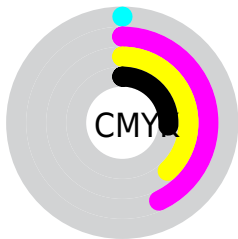
Blue (46%)



Red (74%)

Yellow (42%)

Blue (46%)

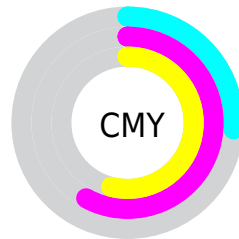


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5140, 22.6422, 19.9544 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 29.5140, 22.6422, 19.9544 by changing the saturation by 10% instead.


 29.5140, 22.6422,
19.9544


 29.5140, 22.6422,
19.9544


291.5831,
265.8819, 264.2642


 19.6162, 14.3295,
12.1782


 58.2847, 47.8051,
44.1987


 12.2230, 8.3502,
6.7411


 77.8883, 65.4242,
61.5038

 6.9690, 4.3199,
3.2247


 101.4579, 86.9142,
82.8223

 3.4889, 1.8540,
1.2105

 129.3588,
112.6595, 108.5727

 1.4173, 0.5205,
0.0000

161.9564,
143.0446, 139.1735

 0.2685, 0.0000,
0.0000

199.6161,

 0.0000, 0.0000,

178.4537, 175.0434

0.0000

242.7033,
219.2714, 216.6008

■ 29.5140, 22.6422,
19.9544

■ 29.5140, 22.6422,
19.9544

■ 26.8649, 18.7676,
14.6824

■ 32.7637, 27.4478,
26.2596

■ 24.7775, 15.7605,
10.3868

■ 36.6461, 33.2358,
33.6478

■ 23.2112, 13.5547,
7.0076


■ 41.1931, 40.0580,
42.1673


■ 22.1190, 12.0729,
4.4773


■ 46.4340, 47.9614,
51.8629

■ 21.4451, 11.2226,
2.7189


■ 52.3962, 56.9902,
62.7770

 21.1655, 10.8905,
1.9259

 59.1057, 67.1861,
74.9502

 66.5873, 78.5888,
88.4207

 73.8334, 89.1737,
102.8818

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



29.4135, 22.6422, 31.0422



29.5140, 22.6422, 19.9544



27.3015, 22.6422, 12.7306

Triad

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



29.5140, 22.6422, 19.9544



16.8077, 22.6422, 12.3247



19.5241, 22.6422, 51.0273

Complementary

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



29.5140, 22.6422, 19.9544



32.2980, 42.7359, 48.6684

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.



16.6197, 22.6422, 42.3594



29.5140, 22.6422, 19.9544



15.1836, 22.6422, 19.2076

Square

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



29.5140, 22.6422, 19.9544



19.8104, 22.6422, 9.2957



15.1191, 22.6422, 30.0379



23.3267, 22.6422, 51.4072

Rectangle

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



29.5140, 22.6422, 19.9544



24.9492, 22.6422, 10.1378



15.1191, 22.6422, 30.0379



18.4217, 22.6422, 48.8918

Sweetspot

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



29.5146, 22.6433, 19.9548



73.9308, 71.9754, 75.8080



32.5070, 23.5026, 50.9673



15.4874, 14.8598, 15.5361



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.



29.5146, 22.6433, 19.9548



48.3499, 33.9542, 26.7705



32.4029, 29.4054, 17.8793



9.5809, 9.5566, 10.1819



14.2575, 7.3341, 1.3835



0.5756, 0.2941, 0.1443

Inverse Universe

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



29.5146, 22.6433, 19.9548



48.3499, 33.9542, 26.7705



27.8726, 32.0467, 52.8608



9.5809, 9.5566, 10.1819



14.2575, 7.3341, 1.3835



0.5756, 0.2941, 0.1443

Previews

White Background



This preview shows how the XYZ color 29.5140, 22.6422, 19.9544 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 29.5140, 22.6422, 19.9544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

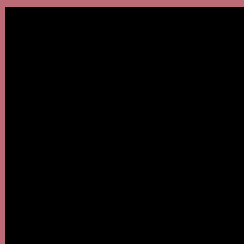
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5140, 22.6422, 19.9544

Background



This preview shows how black text looks on a background with the XYZ color 29.5140, 22.6422, 19.9544.



This preview shows how white text looks on a background with the XYZ color 29.5140, 22.6422,

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

29.5140, 22.6422, 19.9544

Protanopia

22.0445, 22.9396, 24.7386

Deuteranopia

23.1330, 22.6435, 19.3711



Tritanopia

29.3385, 22.5720, 19.0302

Trichromacy



Original Color

29.5140, 22.6422, 19.9544

Protanomaly

24.0519, 22.2955, 22.7744

Deuteranomaly

25.0591, 22.3471, 19.5157

Tritanomaly

29.3963, 22.5952, 19.3349

Monochromacy



Original Color

29.5140, 22.6422, 19.9544

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.2408, 22.7461, 23.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5140, 22.6422, 19.9544 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, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(189, 107, 118)  
}
```

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, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 107, 118) }
```

Border

The CSS property to change the border of an element to XYZ 29.5140, 22.6422, 19.9544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

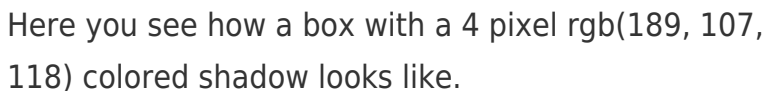
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 107, 118) }
```


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

```
.border{ border-color:rgb(189, 107, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 107, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 107, 118); box-shadow:4px 4px 4px 4px rgb(189, 107, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5140, 22.6422, 19.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 107, 118) }
```

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

```
.background{ background-color: rgb(189,  
107, 118) }
```

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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