

Converting Colors

XYZ(28.0922, 20.1178, 22.7138)

Have a look what the booklet for
XYZ(28.0922, 20.1178, 22.7138)
contains.

XYZ(27.9961, 20.0572, 22.8179)	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(27.9961, 20.0572,
22.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	B95F80
RGB	185, 95, 128
RGB Percent	73%, 37%, 50%
CMY	0.2745, 0.6274, 0.4980
CMYK	0.00, 0.49, 0.31, 0.27
HSL	338°, 39%, 55%
HSV	338°, 49%, 73%
XYZ	27.9961, 20.0572, 22.8179
YIQ	125.6720, 43.0470, 29.3430

Conversions

Conversions Part 2

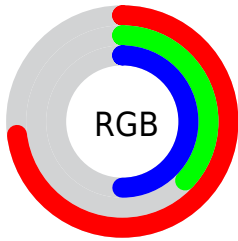
Format	Color
R_{YB}	185, 95, 128
Decimal	12148608
CIE _{Lab}	51.90, 40.00, -1.72
CIE _{LCh}	52, 40.034, 357.532
Yxy	20.0572, 0.3950, 0.2830
Android (android.graphics.Color)	4290338688 (0xFFB95F80)
YUV	125.6720, 1.1477, 52.0307
Hunter-Lab	44.7853, 33.2094, 1.1417

Details

The XYZ color **27.9961, 20.0572, 22.8179** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.7368, 39.3984, 35.8507**, and the grayscale version is **19.7065, 20.7328, 22.5780**.

A 20% lighter version of the original color is **55.8925, 43.5707, 49.1802**, and **11.3652, 7.0330, 8.1556** is the 20% darker color. If you saturate the color by 10%, you get **25.7959, 16.8206, 18.4966**, and if you desaturate by 10%, it is **30.6822, 24.1228, 27.7410**.

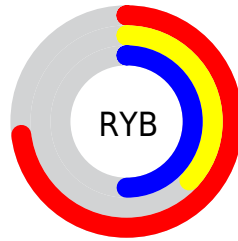
Distribution



Red (73%)

Green (37%)

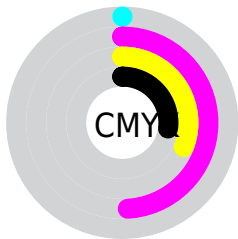
Blue (50%)



Red (73%)

Yellow (37%)

Blue (50%)

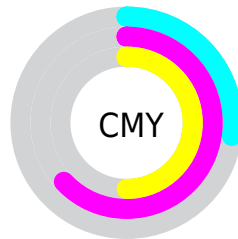


Cyan (0%)

Magenta (49%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (63%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9961, 20.0572, 22.8179 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 27.9961, 20.0572, 22.8179 by changing the saturation by 10% instead.

 27.9961, 20.0572,
22.8179


 27.9961, 20.0572,
22.8179


284.5287,
252.2246, 279.8799


 18.4632, 12.4366,
14.2551


 55.8869, 43.5131,
49.0135


 11.3847, 7.0418,
8.1575


 74.9755, 60.1171,
67.4834

 6.3954, 3.4882,
4.1067


 97.9800, 80.4845,
90.0928

 3.1299, 1.3916,
1.6841

 125.2657,
104.9996, 117.2601

 1.2228, 0.2105,
0.3498

157.1981,
134.0467, 149.4039

 0.1243, 0.0000,
0.0000

194.1425,

 0.0000, 0.0000,

168.0104, 186.9428

0.0000

236.4643,
207.2748, 230.2952

■ 27.9961, 20.0572,
22.8179

■ 27.9961, 20.0572,
22.8179

■ 25.7959, 16.8206,
18.4966

■ 30.6822, 24.1228,
27.7410

■ 24.0485, 14.3520,
14.7506

■ 33.8810, 29.0668,
33.2885

■ 22.7190, 12.5864,
11.5528


■ 37.6193, 34.9384,
39.4830


■ 21.7661, 11.4469,
8.8727


■ 41.9217, 41.7822,
46.3456


■ 21.1219, 10.8035,
6.6699


■ 46.8109, 49.6399,
53.8964

 21.0458, 10.7296,
6.4031

 52.3084, 58.5508,
62.1547

 58.4349, 68.5519,
71.1388

 65.2097, 79.6787,
80.8664

 70.5409, 87.7436,
90.6511

Harmonies

Analogous

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



26.4548, 20.0572, 36.2090



27.9961, 20.0572, 22.8179



26.8761, 20.0572, 13.0334

Triad

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



27.9961, 20.0572, 22.8179



15.6715, 20.0572, 7.3874



15.1651, 20.0572, 46.7190

Complementary

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



27.9961, 20.0572, 22.8179



27.7368, 39.3984, 35.8507

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.



12.9342, 20.0572, 33.9183



27.9961, 20.0572, 22.8179



13.1960, 20.0572, 11.8845

Square

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



27.9961, 20.0572, 22.8179



19.4026, 20.0572, 6.2318



12.2676, 20.0572, 20.8883



18.7289, 20.0572, 52.7402

Rectangle

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



27.9961, 20.0572, 22.8179



24.8484, 20.0572, 9.1306



12.2676, 20.0572, 20.8883



14.2547, 20.0572, 42.8847

Sweetspot

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



27.9967, 20.0582, 22.8183



69.8807, 66.5434, 74.7572



25.7990, 18.3637, 48.0840



14.7298, 13.8141, 15.5766



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.



27.9967, 20.0582, 22.8183



46.0940, 29.9724, 32.9097



27.3316, 21.6570, 13.5674



9.1371, 9.0652, 10.0693



14.3626, 7.3188, 4.5305



0.5366, 0.2701, 0.3192

Inverse Universe

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



27.9967, 20.0582, 22.8183



46.0940, 29.9724, 32.9097



28.4206, 35.8235, 51.3159



9.1371, 9.0652, 10.0693



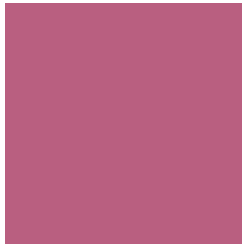
14.3626, 7.3188, 4.5305



0.5366, 0.2701, 0.3192

Previews

White Background



This preview shows how the XYZ color 27.9961, 20.0572, 22.8179 looks on a white background.

Color Contrast Check

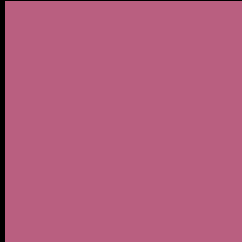
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9961, 20.0572, 22.8179 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 27.9961, 20.0572, 22.8179

Background



This preview shows how black text looks on a background with the XYZ color 27.9961, 20.0572, 22.8179.



This preview shows how white text looks on a background with the XYZ color 27.9961, 20.0572,

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

27.9961, 20.0572, 22.8179

Protanopia

19.9395, 20.2033, 29.6368

Deuteranopia

20.5079, 20.1224, 21.8719



Tritanopia

26.5918, 20.0316, 16.1006

Trichromacy



Original Color

27.9961, 20.0572, 22.8179

Protanomaly

22.0669, 19.6036, 27.0469

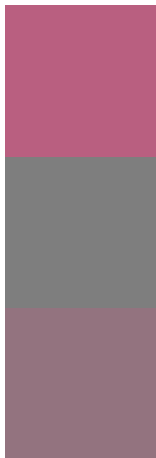
Deuteranomaly

22.7125, 19.7196, 22.0112

Tritanomaly

27.1721, 20.1406, 18.3750

Monochromacy



Original Color

27.9961, 20.0572, 22.8179

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.9941, 19.9968, 22.7792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9961, 20.0572, 22.8179 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(185, 95, 128)` looks like.

```
.text, #text, p{  
    color:rgb(185, 95, 128)  
}
```

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(185, 95, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 95, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.9961, 20.0572, 22.8179 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(185, 95, 128) }
```


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

```
.border{ border-color:rgb(185, 95, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 95, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 95, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 95, 128);  
box-shadow:4px 4px 4px 4px rgb(185, 95,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9961, 20.0572, 22.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 95, 128) }
```

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

```
.background{ background-color: rgb(185, 95,  
128) }
```

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