

Converting Colors

XYZ(27.2445, 20.1973, 17.5015)

Have a look what the booklet for
XYZ(27.2445, 20.1973, 17.5015)
contains.

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Color

**XYZ(27.2445, 20.1973,
17.5015)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B9626F |
| RGB | 185, 98, 111 |
| RGB Percent | 73%, 38%, 44% |
| CMY | 0.2745, 0.6157, 0.5647 |
| CMYK | 0.00, 0.47, 0.40, 0.27 |
| HSL | 351°, 38%, 55% |
| HSV | 351°, 47%, 73% |
| XYZ | 27.2445, 20.1973, 17.5015 |
| YIQ | 125.4950, 47.6790, 22.4870 |

Conversions

Conversions Part 2

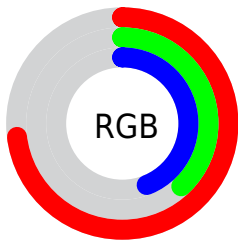
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 185, 98, 111 |
| Decimal | 12149359 |
| CIE _{Lab} | 52.06, 36.31, 8.60 |
| CIE _{LCh} | 52, 37.318, 13.325 |
| Yxy | 20.1973, 0.4195, 0.3110 |
| Android (android.graphics.Color) | 4290339439 (0xFFB9626F) |
| YUV | 125.4950, -7.1460, 52.1859 |
| Hunter-Lab | 44.9414, 29.5633, 8.3697 |

Details

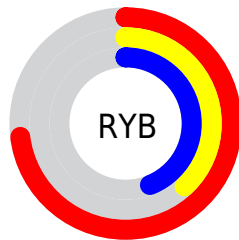
The XYZ color **27.2445, 20.1973, 17.5015** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.8333, 40.2736, 45.2330**, and the grayscale version is **19.6726, 20.6971, 22.5392**.

A 20% lighter version of the original color is **54.9857, 44.0107, 40.2472**, and **11.0356, 7.1512, 5.6492** is the 20% darker color. If you saturate the color by 10%, you get **24.9177, 16.8104, 12.8211**, and if you desaturate by 10%, it is **30.1250, 24.4473, 23.1200**.

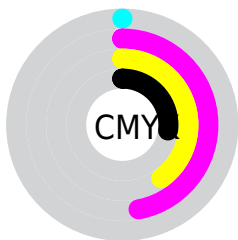
Distribution



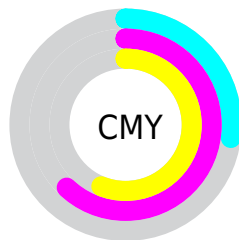
- Red (73%)
- Green (38%)
- Blue (44%)



- Red (73%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (40%)
- Black (27%)





- Cyan (27%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2445, 20.1973, 17.5015 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 27.2445, 20.1973, 17.5015 by changing the saturation by 10% instead.


 27.2445, 20.1973,
17.5015


 27.2445, 20.1973,
17.5015


280.9850,
252.9812, 250.1871


 17.8945, 12.5385,
10.4270

 54.6931, 43.7477,
39.9884


 10.9735, 7.1116,
5.5737


 73.5224, 60.4082,
56.2379

 6.1162, 3.5320,
2.5231


 96.2421, 80.8380,
76.3828

 2.9572, 1.4154,
0.8523

 123.2176,
105.4216, 100.8416

 1.1312, 0.2280,
0.0000

154.8143,
134.5433, 130.0329

 0.0509, 0.0000,
0.0000

191.3976,

 0.0000, 0.0000,

168.5875, 164.3752

0.0000

233.3327,
207.9387, 204.2871

■ 27.2445, 20.1973,
17.5015

■ 27.2445, 20.1973,
17.5015

■ 24.9177, 16.8104,
12.8211

■ 30.1250, 24.4473,
23.1200

■ 23.1072, 14.2246,
9.0261

■ 33.5904, 29.6109,
29.7231

■ 21.7731, 12.3741,
6.0603


■ 37.6713, 35.7383,
37.3553


■ 20.8690, 11.1816,
3.8607


■ 42.3958, 42.8752,
46.0582


■ 20.3324, 10.5398,
2.3521

■ 47.7902, 51.0642,
55.8711

 20.2129, 10.3964,
2.0173

 53.8794, 60.3458,
66.8313

 60.6869, 70.7579,
78.9744

 68.2352, 82.3370,
92.3342

 73.4380, 88.9025,
105.9075

Harmonies

Analogous

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



27.1048, 20.1973, 28.5777



27.2445, 20.1973, 17.5015



25.0348, 20.1973, 10.5083

Triad

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



27.2445, 20.1973, 17.5015



14.5963, 20.1973, 9.9871



17.1706, 20.1973, 48.8350

Complementary

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



27.2445, 20.1973, 17.5015



29.8333, 40.2736, 45.2330

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.



14.3455, 20.1973, 39.7571



27.2445, 20.1973, 17.5015



12.9995, 20.1973, 16.5038

Square

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



27.2445, 20.1973, 17.5015



17.5575, 20.1973, 7.2415



12.9142, 20.1973, 27.1902



20.9354, 20.1973, 49.3773

Rectangle

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



27.2445, 20.1973, 17.5015



22.6771, 20.1973, 8.0664



12.9142, 20.1973, 27.1902



16.0924, 20.1973, 46.5718

Sweetspot

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



27.2450, 20.1983, 17.5019



69.7162, 67.3948, 71.0640



30.1276, 21.0042, 48.3653



14.6561, 13.9660, 14.6290



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.



27.2450, 20.1983, 17.5019



44.6678, 30.1656, 23.0451



29.9909, 26.7531, 15.1397



9.0578, 9.0335, 9.6520



13.7804, 7.0859, 1.4645



0.5032, 0.2568, 0.1434

Inverse Universe

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



27.2450, 20.1983, 17.5019



44.6678, 30.1656, 23.0451



25.4414, 29.3935, 50.2315



9.0578, 9.0335, 9.6520



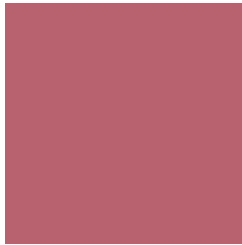
13.7804, 7.0859, 1.4645



0.5032, 0.2568, 0.1434

Previews

White Background



This preview shows how the XYZ color 27.2445, 20.1973, 17.5015 looks on a white background.

Color Contrast Check

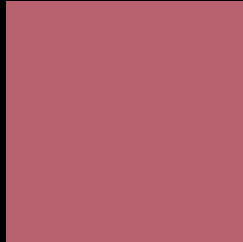
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2445, 20.1973, 17.5015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

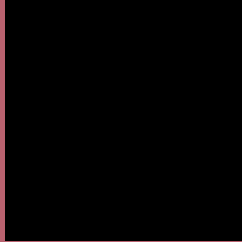
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2445, 20.1973, 17.5015

Background



This preview shows how black text looks on a background with the XYZ color 27.2445, 20.1973, 17.5015.



This preview shows how white text looks on a background with the XYZ color 27.2445, 20.1973,

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

27.2445, 20.1973, 17.5015

Protanopia

19.6617, 20.4080, 22.3049

Deuteranopia

20.6980, 20.3341, 16.7439



Tritanopia

27.0709, 20.2786, 16.1230

Trichromacy



Original Color

27.2445, 20.1973, 17.5015

Protanomaly

21.7336, 19.9134, 20.4675

Deuteranomaly

22.6015, 19.9402, 16.8450

Tritanomaly

27.1762, 20.3207, 16.6773

Monochromacy



Original Color

27.2445, 20.1973, 17.5015

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5535, 19.8206, 20.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2445, 20.1973, 17.5015 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, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(185, 98, 111)  
}
```

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, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 98, 111) }
```

Border

The CSS property to change the border of an element to XYZ 27.2445, 20.1973, 17.5015 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, 98, 111) }
```


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

```
.border{ border-color:rgb(185, 98, 111) }
```

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

Here you see how a box with a 4 pixel rgb(185, 98, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 98, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 98, 111);  
box-shadow:4px 4px 4px 4px rgb(185, 98,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2445, 20.1973, 17.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 98, 111) }
```

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

```
.background{ background-color: rgb(185, 98,  
111) }
```

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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