

Converting Colors

XYZ(27.0335, 20.2279, 25.6182)

Have a look what the booklet for
XYZ(27.0335, 20.2279, 25.6182)
contains.

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Color

**XYZ(27.1326, 20.2390,
25.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	B16488
RGB	177, 100, 136
RGB Percent	69%, 39%, 53%
CMY	0.3059, 0.6078, 0.4667
CMYK	0.00, 0.44, 0.23, 0.31
HSL	332°, 33%, 54%
HSV	332°, 44%, 69%
XYZ	27.1326, 20.2390, 25.7690
YIQ	127.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

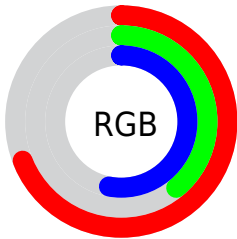
Format	Color
R_{YB}	177, 100, 136
Decimal	11625608
CIE _{Lab}	52.11, 35.66, -6.29
CIE _{LCh}	52, 36.209, 350.002
Yxy	20.2390, 0.3710, 0.2767
Android (android.graphics.Color)	4289815688 (0xFFB16488)
YUV	127.1270, 4.3744, 43.7386
Hunter-Lab	44.9878, 28.9266, -2.4699

Details

The XYZ color **27.1326, 20.2390, 25.7690** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.7863, 36.0773, 30.8056**, and the grayscale version is **20.1941, 21.2458, 23.1367**.

A 20% lighter version of the original color is **54.3452, 43.6230, 53.6999**, and **10.8464, 7.0907, 9.6011** is the 20% darker color. If you saturate the color by 10%, you get **24.9751, 16.9490, 21.8891**, and if you desaturate by 10%, it is **29.7190, 24.2921, 30.0830**.

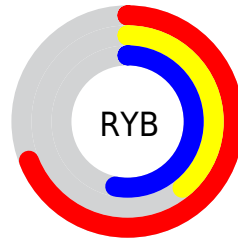
Distribution



Red (69%)

Green (39%)

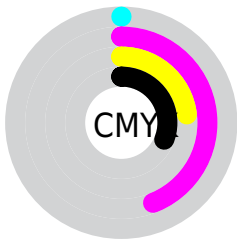
Blue (53%)



Red (69%)

Yellow (39%)

Blue (53%)

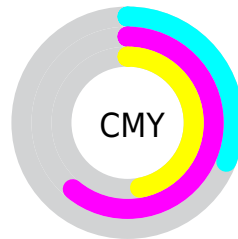


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (61%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1326, 20.2390, 25.7690 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 27.1326, 20.2390, 25.7690 by changing the saturation by 10% instead.


 27.1326, 20.2390,
25.7690


 27.1326, 20.2390,
25.7690


280.4544,
253.2060, 295.2156


 17.8099, 12.5689,
16.4267


 54.5150, 43.8175,
53.8816


 10.9125, 7.1324,
9.6690


 73.3054, 60.4947,
73.4889

 6.0749, 3.5450,
5.0773


 95.9824, 80.9431,
97.3550

 2.9318, 1.4225,
2.2332

 122.9114,
105.5470, 125.8983

 1.1178, 0.2332,
0.6934

154.4578,
134.6909, 159.5375

 0.0399, 0.0000,
0.0000

190.9868,

 0.0000, 0.0000,

168.7591, 198.6911

0.0000

232.8639,
208.1360, 243.7776

■ 27.1326, 20.2390,
25.7690

■ 27.1326, 20.2390,
25.7690

■ 24.9751, 16.9490,
21.8891

■ 29.7190, 24.2921,
30.0830

■ 23.2190, 14.3704,
18.4259

■ 32.7560, 29.1498,
34.8448

■ 21.8365, 12.4494,
15.3628


■ 36.2658, 34.8542,
40.0690


■ 20.7948, 11.1235,
12.6807


■ 40.2685, 41.4436,
45.7690


■ 20.0551, 10.3174,
10.3581


■ 44.7833, 48.9538,
51.9575

 19.6833, 9.9678,
9.0194

 49.8280, 57.4188,
58.6470

 55.4197, 66.8706,
65.8492

 61.5747, 77.3399,
73.5754

 66.9198, 86.0784,
81.3738

Harmonies

Analogous

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



25.2210, 20.2390, 37.9088



27.1326, 20.2390, 25.7690



26.7306, 20.2390, 15.7735

Triad

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



27.1326, 20.2390, 25.7690



16.9031, 20.2390, 7.8952



15.0144, 20.2390, 41.6333

Complementary

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



27.1326, 20.2390, 25.7690



25.7863, 36.0773, 30.8056

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.



13.2931, 20.2390, 29.7712



27.1326, 20.2390, 25.7690



14.2826, 20.2390, 11.3591

Square

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



27.1326, 20.2390, 25.7690



20.4990, 20.2390, 7.4401



13.0436, 20.2390, 18.6836



18.0270, 20.2390, 48.8269

Rectangle

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



27.1326, 20.2390, 25.7690



25.2206, 20.2390, 11.3584



13.0436, 20.2390, 18.6836



14.2829, 20.2390, 37.9102

Sweetspot

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



27.1332, 20.2400, 25.7694



65.1379, 62.7292, 72.0343



23.2726, 17.8464, 43.8134



13.8044, 13.0844, 15.1554



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1332, 20.2400, 25.7694



44.9446, 30.6782, 39.6060



25.1137, 19.6307, 14.5232



8.6562, 8.5692, 9.6878



14.2912, 7.2341, 6.6936



0.4792, 0.2394, 0.3663

Inverse Universe

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



27.1332, 20.2400, 25.7694



44.9446, 30.6782, 39.6060



28.6619, 36.8239, 47.1924



8.6562, 8.5692, 9.6878



14.2912, 7.2341, 6.6936



0.4792, 0.2394, 0.3663

Previews

White Background



This preview shows how the XYZ color 27.1326, 20.2390, 25.7690 looks on a white background.

Color Contrast Check

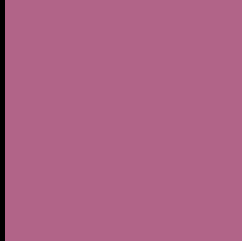
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1326, 20.2390, 25.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

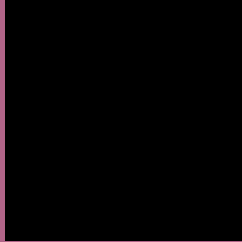
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1326, 20.2390, 25.7690

Background



This preview shows how black text looks on a background with the XYZ color 27.1326, 20.2390, 25.7690.



This preview shows how white text looks on a background with the XYZ color 27.1326, 20.2390,

25.7690.

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

27.1326, 20.2390, 25.7690

Protanopia

20.4013, 20.5716, 32.1736

Deuteranopia

20.6751, 20.3272, 24.6636



Tritanopia

25.5541, 20.1844, 17.8784

Trichromacy



Original Color

27.1326, 20.2390, 25.7690

Protanomaly

22.1343, 19.9122, 29.8710

Deuteranomaly

22.5332, 19.8933, 24.8425

Tritanomaly

26.2059, 20.3111, 20.6284

Monochromacy



Original Color

27.1326, 20.2390, 25.7690

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.0676, 20.3540, 23.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1326, 20.2390, 25.7690 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(177, 100, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 100, 136)  
}
```

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(177, 100, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 100, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.1326, 20.2390, 25.7690 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(177, 100, 136) }
```


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

```
.border{ border-color:rgb(177, 100, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 100, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 100, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 100, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 100,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1326, 20.2390, 25.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 100, 136) }
```

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

```
.background{ background-color: rgb(177,  
100, 136) }
```

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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