

Converting Colors

XYZ(29.7311, 20.7482, 22.1591)

Have a look what the booklet for
XYZ(29.7311, 20.7482, 22.1591)
contains.

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Color

**XYZ(29.6726, 20.6725,
22.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	C15D7E
RGB	193, 93, 126
RGB Percent	76%, 36%, 49%
CMY	0.2431, 0.6353, 0.5059
CMYK	0.00, 0.52, 0.35, 0.24
HSL	340°, 45%, 56%
HSV	340°, 52%, 76%
XYZ	29.6726, 20.6725, 22.1649
YIQ	126.6620, 49.0070, 31.4630

Conversions

Conversions Part 2

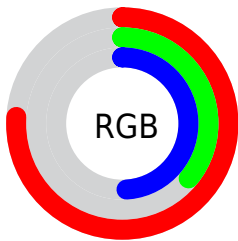
Format	Color
R_{YB}	193, 93, 126
Decimal	12672382
CIE _{Lab}	52.59, 43.55, 0.61
CIE _{LCh}	53, 43.551, 0.797
Yxy	20.6725, 0.4092, 0.2851
Android (android.graphics.Color)	4290862462 (0xFFC15D7E)
YUV	126.6620, -0.3264, 58.1784
Hunter-Lab	45.4670, 36.9250, 2.9234

Details

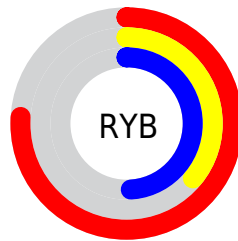
The XYZ color **29.6726, 20.6725, 22.1649** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.9304, 43.0058, 39.9836**, and the grayscale version is **20.0469, 21.0909, 22.9680**.

A 20% lighter version of the original color is **58.5605, 44.5079, 48.1522**, and **12.2858, 7.3559, 7.7935** is the 20% darker color. If you saturate the color by 10%, you get **27.4061, 17.3896, 17.5552**, and if you desaturate by 10%, it is **32.4756, 24.8555, 27.4861**.

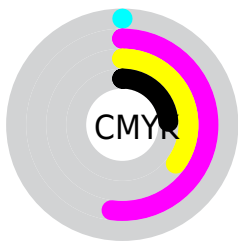
Distribution



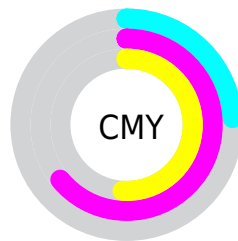
- Red (76%)
- Green (36%)
- Blue (49%)



- Red (76%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6726, 20.6725, 22.1649 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 29.6726, 20.6725, 22.1649 by changing the saturation by 10% instead.


 29.6726, 20.6725,
22.1649


 29.6726, 20.6725,
22.1649


292.3127,
255.5329, 276.3878


 19.7371, 12.8848,
13.7786


 58.5342, 44.5418,
47.9241


 12.3112, 7.3493,
7.8299


 78.1910, 61.3923,
66.1341

 7.0297, 3.6815,
3.9001


 101.8189, 82.0325,
88.4557

 3.5272, 1.4970,
1.5707

 129.7833,
106.8467, 115.3076

 1.4383, 0.2866,
0.2698

162.4495,
136.2195, 147.1082

 0.2833, 0.0000,
0.0000

200.1829,

 0.0000, 0.0000,

170.5352, 184.2760

0.0000

243.3488,
210.1782, 227.2297

■ 29.6726, 20.6725,
22.1649

■ 29.6726, 20.6725,
22.1649

■ 27.4061, 17.3896,
17.5552

■ 32.4756, 24.8555,
27.4861

■ 25.6374, 14.9365,
13.6232

■ 35.8466, 29.9958,
33.5478

■ 24.3253, 13.2373,
10.3339

■ 39.8168, 36.1495,
40.3788

■ 23.4201, 12.2005,
7.6476

■ 44.4142, 43.3675,
48.0059

■ 22.9088, 11.7041,
5.8551

■ 49.6654, 51.6972,
56.4545

■ 55.5953, 61.1832,
65.7489

■ 62.2272, 71.8675,
75.9123

■ 69.5837, 83.7900,
86.9670

■ 73.8374, 89.2915,
97.6516

Harmonies

Analogous

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



28.2445, 20.6725, 36.9530



29.6726, 20.6725, 22.1649



28.0910, 20.6725, 12.0264

Triad

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



29.6726, 20.6725, 22.1649



15.5297, 20.6725, 7.1924



15.7092, 20.6725, 51.9417

Complementary

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



29.6726, 20.6725, 22.1649



29.9304, 43.0058, 39.9836

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.



13.0938, 20.6725, 37.7926



29.6726, 20.6725, 22.1649



13.0019, 20.6725, 12.4250

Square

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



29.6726, 20.6725, 22.1649



19.5281, 20.6725, 5.6757



12.1823, 20.6725, 22.8563



19.7695, 20.6725, 57.6548

Rectangle

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



29.6726, 20.6725, 22.1649



25.6639, 20.6725, 8.2146



12.1823, 20.6725, 22.8563



14.6553, 20.6725, 47.8016

Sweetspot

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



29.6732, 20.6735, 22.1653



75.7484, 71.6909, 79.7347



27.9716, 19.1194, 52.6684



15.8868, 14.8094, 16.5013



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.



29.6732, 20.6735, 22.1653



48.6723, 30.5611, 30.5630



29.5090, 23.2090, 13.2817



10.2072, 10.1315, 11.1816



15.2703, 7.7979, 4.0696



0.6921, 0.3498, 0.3458

Inverse Universe

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



29.6732, 20.6735, 22.1653



48.6723, 30.5611, 30.5630



29.7315, 37.3597, 56.0964



10.2072, 10.1315, 11.1816



15.2703, 7.7979, 4.0696



0.6921, 0.3498, 0.3458

Previews

White Background



This preview shows how the XYZ color 29.6726, 20.6725, 22.1649 looks on a white background.

Color Contrast Check

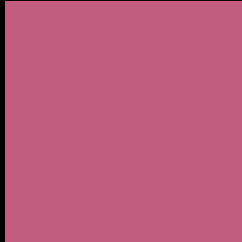
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6726, 20.6725, 22.1649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

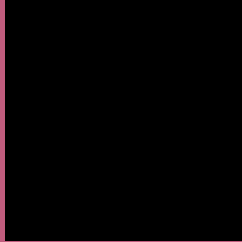
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6726, 20.6725, 22.1649

Background



This preview shows how black text looks on a background with the XYZ color 29.6726, 20.6725, 22.1649.



This preview shows how white text looks on a background with the XYZ color 29.6726, 20.6725,

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

29.6726, 20.6725, 22.1649

Protanopia

20.4705, 20.8491, 29.7334

Deuteranopia

21.2259, 20.8750, 20.9997



Tritanopia

28.2592, 20.6252, 15.5883

Trichromacy



Original Color

29.6726, 20.6725, 22.1649

Protanomaly

22.7053, 19.9411, 26.6971

Deuteranomaly

23.5577, 20.1699, 21.3904

Tritanomaly

28.8457, 20.7421, 17.8125

Monochromacy



Original Color

29.6726, 20.6725, 22.1649

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.7240, 20.3731, 22.8134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6726, 20.6725, 22.1649 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(193, 93, 126)` looks like.

```
.text, #text, p{  
  color:rgb(193, 93, 126)  
}
```

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(193, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 93, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.6726, 20.6725, 22.1649 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(193, 93, 126) }
```


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

```
.border{ border-color:rgb(193, 93, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 93, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(193, 93,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6726, 20.6725, 22.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 93, 126) }
```

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

```
.background{ background-color: rgb(193, 93,  
126) }
```

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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