

Converting Colors

XYZ(29.7266, 20.3228, 21.7356)

Have a look what the booklet for
XYZ(29.7266, 20.3228, 21.7356)
contains.

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Color

**XYZ(29.6060, 20.2623,
21.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	C25A7D
RGB	194, 90, 125
RGB Percent	76%, 35%, 49%
CMY	0.2392, 0.6470, 0.5098
CMYK	0.00, 0.54, 0.36, 0.24
HSL	340°, 46%, 56%
HSV	340°, 54%, 76%
XYZ	29.6060, 20.2623, 21.7527
YIQ	125.0860, 50.7490, 32.9330

Conversions

Conversions Part 2

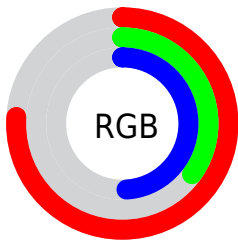
Format	Color
RYB	194, 90, 125
Decimal	12737149
CIELab	52.13, 45.26, 0.55
CIELCh	52, 45.264, 0.699
Yxy	20.2623, 0.4134, 0.2829
Android (android.graphics.Color)	4290927229 (0xFFC25A7D)
YUV	125.0860, -0.0424, 60.4376
Hunter-Lab	45.0137, 38.6276, 2.8579

Details

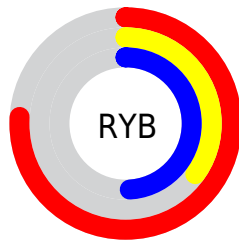
The XYZ color **29.6060, 20.2623, 21.7527** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.7673, 43.2610, 39.5845**, and the grayscale version is **19.5107, 20.5268, 22.3537**.

A 20% lighter version of the original color is **58.2663, 43.7019, 46.9593**, and **12.2826, 7.1633, 7.5728** is the 20% darker color. If you saturate the color by 10%, you get **27.4083, 17.0986, 17.2227**, and if you desaturate by 10%, it is **32.3384, 24.3247, 26.9871**.

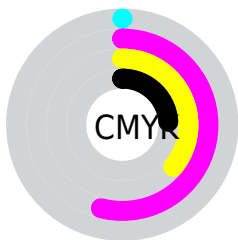
Distribution



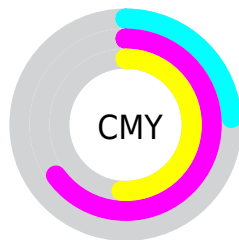
- Red (76%)
- Green (35%)
- Blue (49%)



- Red (76%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (54%)
- Yellow (36%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6060, 20.2623, 21.7527 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 29.6060, 20.2623, 21.7527 by changing the saturation by 10% instead.


 29.6060, 20.2623,
21.7527


 29.6060, 20.2623,
21.7527


292.0065,
253.3316, 274.1633


 19.6863, 12.5859,
13.4787


 58.4294, 43.8565,
47.2339


 12.2742, 7.1440,
7.6244


 78.0639, 60.5431,
65.2781

 7.0042, 3.5523,
3.7713


 101.6673, 81.0018,
87.4162

 3.5111, 1.4264,
1.5007

 129.6051,
105.6171, 114.0667

 1.4294, 0.2361,
0.2185

162.2425,
134.7733, 145.6481

 0.2771, 0.0000,
0.0000

199.9450,

 0.0000, 0.0000,

168.8548, 182.5790

0.0000

243.0779,
208.2461, 225.2779

■ 29.6060, 20.2623,
21.7527

■ 29.6060, 20.2623,
21.7527

■ 27.4083, 17.0986,
17.2227

■ 32.3384, 24.3247,
26.9871

■ 25.7055, 14.7608,
13.3633

■ 35.6380, 29.3448,
32.9552

■ 24.4548, 13.1701,
10.1389

■ 39.5366, 35.3803,
39.6857

■ 23.6043, 12.2301,
7.5096

■ 44.0630, 42.4832,
47.2055

■ 23.2105, 11.8543,
6.1089

■ 49.2441, 50.7022,
55.5400

■ 55.1054, 60.0829,
64.7135

■ 61.6708, 70.6681,
74.7493

■ 68.9630, 82.4988,
85.6695

■ 73.8624, 89.3311,
96.4485

Harmonies

Analogous

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



28.1150, 20.2623, 37.0455



29.6060, 20.2623, 21.7527



27.9755, 20.2623, 11.4354

Triad

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



29.6060, 20.2623, 21.7527



15.0608, 20.2623, 6.5961



15.2210, 20.2623, 52.6133

Complementary

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



29.6060, 20.2623, 21.7527



29.7673, 43.2610, 39.5845

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.



12.5715, 20.2623, 37.8116



29.6060, 20.2623, 21.7527



12.4900, 20.2623, 11.7865

Square

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



29.6060, 20.2623, 21.7527



19.1503, 20.2623, 5.1244



11.6561, 20.2623, 22.3746



19.3675, 20.2623, 58.6516

Rectangle

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



29.6060, 20.2623, 21.7527



25.4678, 20.2623, 7.6266



11.6561, 20.2623, 22.3746



14.1510, 20.2623, 48.2670

Sweetspot

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



29.6066, 20.2633, 21.7531



77.5456, 73.3673, 81.7744



27.4167, 18.4372, 53.1528



16.5975, 15.4629, 17.2723



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.6066, 20.2633, 21.7531



49.1693, 30.2937, 30.1454



29.2073, 22.4345, 12.4650



10.2099, 10.1326, 11.1959



15.2948, 7.8077, 4.1983



0.6933, 0.3503, 0.3524

Inverse Universe

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



29.6066, 20.2633, 21.7531



49.1693, 30.2937, 30.1454



29.9549, 38.0696, 56.8085



10.2099, 10.1326, 11.1959



15.2948, 7.8077, 4.1983



0.6933, 0.3503, 0.3524

Previews

White Background



This preview shows how the XYZ color 29.6060, 20.2623, 21.7527 looks on a white background.

Color Contrast Check

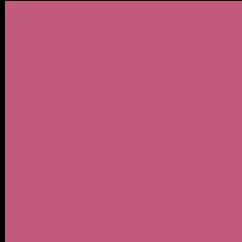
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6060, 20.2623, 21.7527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

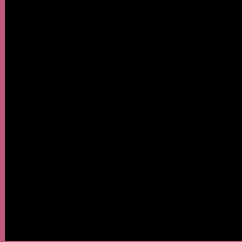
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6060, 20.2623, 21.7527

Background



This preview shows how black text looks on a background with the XYZ color 29.6060, 20.2623, 21.7527.



This preview shows how white text looks on a background with the XYZ color 29.6060, 20.2623,

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

29.6060, 20.2623, 21.7527

Protanopia

20.2811, 20.5556, 30.0928

Deuteranopia

20.8750, 20.5198, 20.6298



Tritanopia

28.1794, 20.3305, 14.7509

Trichromacy



Original Color

29.6060, 20.2623, 21.7527

Protanomaly

22.5944, 19.7192, 26.6601

Deuteranomaly

23.3869, 19.9279, 21.0262

Tritanomaly

28.7211, 20.2919, 17.1548

Monochromacy



Original Color

29.6060, 20.2623, 21.7527

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.0735, 19.5530, 22.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6060, 20.2623, 21.7527 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(194, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 90, 125)  
}
```

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(194, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 90, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.6060, 20.2623, 21.7527 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(194, 90, 125) }
```


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

```
.border{ border-color:rgb(194, 90, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 90, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 90,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6060, 20.2623, 21.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 90, 125) }
```

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

```
.background{ background-color: rgb(194, 90,  
125) }
```

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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