

Converting Colors

XYZ(34.5729, 22.3066, 20.2862)

Have a look what the booklet for
XYZ(34.5729, 22.3066, 20.2862)
contains.

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Color

**XYZ(34.6630, 22.3001,
20.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	D75578
RGB	215, 85, 120
RGB Percent	84%, 33%, 47%
CMY	0.1569, 0.6666, 0.5294
CMYK	0.00, 0.60, 0.44, 0.16
HSL	344°, 62%, 59%
HSV	344°, 60%, 84%
XYZ	34.6630, 22.3001, 20.2467
YIQ	127.8600, 66.2450, 38.4450

Conversions

Conversions Part 2

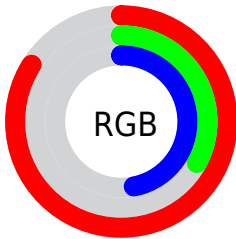
Format	Color
R_{YB}	215, 85, 120
Decimal	14112120
CIE _{Lab}	54.34, 54.02, 7.13
CIE _{LCh}	54, 54.490, 7.516
Yxy	22.3001, 0.4489, 0.2888
Android (android.graphics.Color)	4292302200 (0xFFD75578)
YUV	127.8600, -3.8750, 76.4218
Hunter-Lab	47.2230, 48.3838, 7.6357

Details

The XYZ color **34.6630, 22.3001, 20.2467** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **36.2863, 53.8280, 51.6610**, and the grayscale version is **20.4671, 21.5330, 23.4494**.

A 20% lighter version of the original color is **58.0645, 42.9947, 44.2682**, and **15.2276, 8.2311, 6.9171** is the 20% darker color. If you saturate the color by 10%, you get **32.3434, 19.0639, 15.1486**, and if you desaturate by 10%, it is **37.6543, 26.6294, 26.3411**.

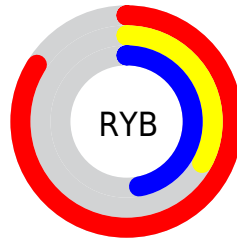
Distribution



Red (84%)

Green (33%)

Blue (47%)



Red (84%)

Yellow (33%)

Blue (47%)

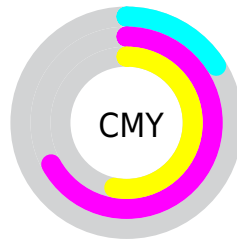


Cyan (0%)

Magenta (60%)

Yellow (44%)

Black (16%)



Cyan (16%)


Magenta (67%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6630, 22.3001, 20.2467 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 34.6630, 22.3001, 20.2467 by changing the saturation by 10% instead.


 34.6630, 22.3001,
20.2467


 34.6630, 22.3001,
20.2467


314.6125,
264.1095, 265.8958

 23.5687, 14.0776,
12.3886


 66.3008, 47.2415,
44.6948


 15.1370, 8.1746,
6.8832


 87.5751, 64.7292,
62.1219

 9.0025, 4.2069,
3.3118


 112.9733, 86.0740,
83.5758

 4.8000, 1.7900,
1.2560

 142.8610,
111.6604, 109.4750

 2.1639, 0.4809,
0.0253

177.6034,
141.8727, 140.2381

 0.7236, 0.0000,
0.0000

217.5658,

 0.0000, 0.0000,

177.0954, 176.2836

0.0000

263.1138,
217.7129, 218.0299

■ 34.6630, 22.3001,
20.2467

■ 34.6630, 22.3001,
20.2467

■ 32.3434, 19.0639,
15.1486

■ 37.6543, 26.6294,
26.3411

■ 30.6379, 16.8177,
10.9894

■ 41.3650, 32.1355,
33.4821

■ 29.4816, 15.4447,
7.7069

■ 45.8400, 38.8979,
41.7179

■ 28.7849, 14.7513,
5.3167

■ 51.1202, 46.9883,
51.0932

■ 57.2436, 56.4727,
61.6500

■ 64.2454, 67.4130,
73.4282

■ 72.1592, 79.8671,
86.4659

■ 80.3727, 92.6024,
100.5848

■ 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



33.6046, 22.3001, 39.0698



34.6630, 22.3001, 20.2467



31.6128, 22.3001, 9.3065

Triad

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



34.6630, 22.3001, 20.2467



14.9703, 22.3001, 6.4744



17.1190, 22.3001, 68.8105

Complementary

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



34.6630, 22.3001, 20.2467



36.2863, 53.8280, 51.6610

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.



13.3623, 22.3001, 50.1616



34.6630, 22.3001, 20.2467



12.2931, 22.3001, 13.7928

Square

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



34.6630, 22.3001, 20.2467



19.7356, 22.3001, 4.1416



11.7651, 22.3001, 28.8185



22.7258, 22.3001, 73.3242

Rectangle

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



34.6630, 22.3001, 20.2467



27.9441, 22.3001, 5.8153



11.7651, 22.3001, 28.8185



15.6317, 22.3001, 63.6718

Sweetspot

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



34.6636, 22.3013, 20.2471



77.1770, 72.1548, 78.5852



33.9136, 20.8894, 66.5345



15.9855, 14.6213, 15.8898



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.



34.6636, 22.3013, 20.2471



46.6863, 26.8288, 20.1582



35.5887, 26.9518, 11.9223



12.5592, 12.4752, 13.6190



17.2549, 8.8383, 3.3804



1.0754, 0.5469, 0.3862

Inverse Universe

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



34.6636, 22.3013, 20.2471



46.6863, 26.8288, 20.1582



33.7480, 42.3086, 70.6776



12.5592, 12.4752, 13.6190



17.2549, 8.8383, 3.3804



1.0754, 0.5469, 0.3862

Previews

White Background



This preview shows how the XYZ color 34.6630, 22.3001, 20.2467 looks on a white background.

Color Contrast Check

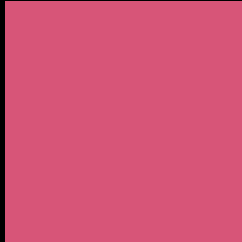
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6630, 22.3001, 20.2467 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 34.6630, 22.3001, 20.2467

Background



This preview shows how black text looks on a background with the XYZ color 34.6630, 22.3001, 20.2467.



This preview shows how white text looks on a background with the XYZ color 34.6630, 22.3001,

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

34.6630, 22.3001, 20.2467

Protanopia

22.1467, 22.6767, 29.9979

Deuteranopia

22.8925, 22.5262, 19.0610



Tritanopia

33.2081, 22.3030, 13.6210

Trichromacy



Original Color

34.6630, 22.3001, 20.2467

Protanomaly

24.9585, 21.2858, 26.0857

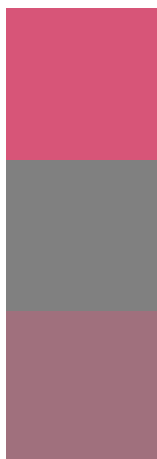
Deuteranomaly

26.0704, 21.5141, 19.3016

Tritanomaly

33.7711, 22.2955, 15.8881

Monochromacy



Original Color

34.6630, 22.3001, 20.2467

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.9930, 20.5426, 22.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6630, 22.3001, 20.2467 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(215, 85, 120)` looks like.

```
.text, #text, p{  
    color:rgb(215, 85, 120)  
}
```

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(215, 85, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 85, 120) }
```

Border

The CSS property to change the border of an element to XYZ 34.6630, 22.3001, 20.2467 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(215, 85, 120) }
```


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

```
.border{ border-color:rgb(215, 85, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 85, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 85, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 85, 120);  
box-shadow:4px 4px 4px 4px rgb(215, 85,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6630, 22.3001, 20.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 85, 120) }
```

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

```
.background{ background-color: rgb(215, 85,  
120) }
```

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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