

Converting Colors

XYZ(32.0140, 22.1566, 34.0418)

Have a look what the booklet for
XYZ(32.0140, 22.1566, 34.0418)
contains.

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Color

**XYZ(32.0137, 22.1562,
34.0417)**

Conversions

Conversions Part 1

Format	Color
Hex	C0619C
RGB	192, 97, 156
RGB Percent	75%, 38%, 61%
CMY	0.2471, 0.6196, 0.3882
CMYK	0.00, 0.49, 0.19, 0.25
HSL	323°, 43%, 57%
HSV	323°, 49%, 75%
XYZ	32.0137, 22.1562, 34.0417
YIQ	132.1310, 37.6810, 38.4890

Conversions

Conversions Part 2

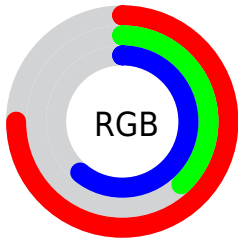
Format	Color
R_{YB}	192, 97, 156
Decimal	12607900
CIE Lab	54.19, 45.33, -14.72
CIE LCh	54, 47.662, 342.010
Yxy	22.1562, 0.3629, 0.2512
Android (android.graphics.Color)	4290797980 (0xFFC0619C)
YUV	132.1310, 11.7674, 52.5051
Hunter-Lab	47.0704, 39.0290, -9.9298

Details

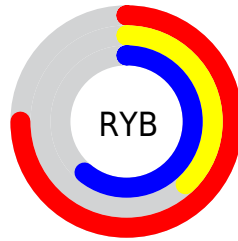
The XYZ color **32.0137, 22.1562, 34.0417** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **28.0141, 41.9348, 28.8101**, and the grayscale version is **21.9295, 23.0715, 25.1249**.

A 20% lighter version of the original color is **62.0886, 46.8398, 67.3966**, and **13.6415, 8.1309, 14.2150** is the 20% darker color. If you saturate the color by 10%, you get **29.8518, 18.7888, 30.3717**, and if you desaturate by 10%, it is **34.6432, 26.3990, 38.0501**.

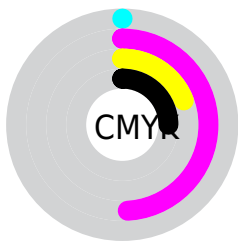
Distribution



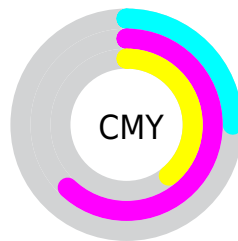
- Red (75%)
- Green (38%)
- Blue (61%)



- Red (75%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (49%)
- Yellow (19%)
- Black (25%)



- Cyan (25%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0137, 22.1562, 34.0417 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 32.0137, 22.1562, 34.0417 by changing the saturation by 10% instead.

■ 32.0137, 22.1562,
34.0417

■ 32.0137, 22.1562,
34.0417

302.9258,
263.3609, 335.0928

■ 21.5276, 13.9717,
22.6480

■ 62.1976, 47.0040,
67.1331

■ 13.6248, 8.1010,
14.1310

■ 82.6261, 64.4362,
89.6680

■ 7.9401, 4.1596,
8.0720

■ 107.0994, 85.7196,
116.7536

■ 4.1082, 1.7633,
4.0526

■ 135.9829,
111.2388, 148.8086

■ 1.7635, 0.4641,
1.6543

169.6419,
141.3782, 186.2515

■ 0.4955, 0.0000,
0.3291

208.4419,

■ 0.0000, 0.0000,

176.5220, 229.5008

0.0000

252.7481,
217.0548, 278.9750

■ 32.0137, 22.1562,
34.0417

■ 32.0137, 22.1562,
34.0417

■ 29.8518, 18.7888,
30.3717

■ 34.6432, 26.3990,
38.0501

■ 28.1233, 16.2305,
27.0250

■ 37.7672, 31.5711,
42.4083

■ 26.7924, 14.4104,
23.9865


■ 41.4129, 37.7257,
47.1287


■ 25.8161, 13.2437,
21.2387


■ 45.6050, 44.9109,
52.2223

■ 25.1164, 12.5752,
18.7519

■ 50.3664, 53.1717,
57.6997

 25.0825, 12.5442,
18.6272

 55.7187, 62.5506,
63.5709

 61.6825, 73.0876,
69.8455

 68.2771, 84.8208,
76.5326

 70.6144, 87.9730,
82.0056

Harmonies

Analogous

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



28.4464, 22.1562, 52.1047



32.0137, 22.1562, 34.0417



32.3703, 22.1562, 18.6662

Triad

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



32.0137, 22.1562, 34.0417



19.0550, 22.1562, 5.6057



14.4957, 22.1562, 48.6698

Complementary

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



32.0137, 22.1562, 34.0417



28.0141, 41.9348, 28.8101

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.



12.7472, 22.1562, 30.5545



32.0137, 22.1562, 34.0417



15.0757, 22.1562, 8.5388

Square

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



32.0137, 22.1562, 34.0417



24.2846, 22.1562, 5.9017



12.9404, 22.1562, 16.3485



18.1321, 22.1562, 62.6561

Rectangle

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



32.0137, 22.1562, 34.0417



30.6755, 22.1562, 11.9505



12.9404, 22.1562, 16.3485



13.6968, 22.1562, 42.6062

Sweetspot

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



32.0144, 22.1573, 34.0421



78.1318, 73.6386, 89.2200



23.2799, 17.2486, 51.9719



16.4240, 15.2203, 18.7256



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.



32.0144, 22.1573, 34.0421



53.9255, 33.7949, 54.7343



28.8102, 20.8756, 17.1692



10.3302, 10.1807, 11.8295



16.9166, 8.4564, 12.7386



0.7636, 0.3784, 0.7224

Inverse Universe

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



32.0144, 22.1573, 34.0421



53.9255, 33.7949, 54.7343



31.9507, 43.5095, 49.5397



10.3302, 10.1807, 11.8295



16.9166, 8.4564, 12.7386



0.7636, 0.3784, 0.7224

Previews

White Background



This preview shows how the XYZ color 32.0137, 22.1562, 34.0417 looks on a white background.

Color Contrast Check

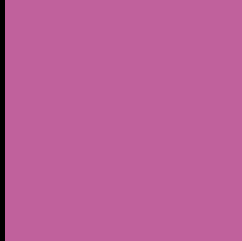
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0137, 22.1562, 34.0417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

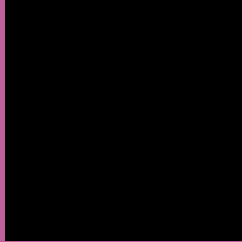
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0137, 22.1562, 34.0417

Background



This preview shows how black text looks on a background with the XYZ color 32.0137, 22.1562, 34.0417.



This preview shows how white text looks on a background with the XYZ color 32.0137, 22.1562,

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

32.0137, 22.1562, 34.0417

Protanopia

22.8253, 22.2975, 45.2203

Deuteranopia

22.8482, 22.3997, 32.3975



Tritanopia

28.9303, 22.2143, 18.6826

Trichromacy



Original Color

32.0137, 22.1562, 34.0417

Protanomaly

24.9447, 21.4645, 40.8585

Deuteranomaly

25.3216, 21.6607, 32.9833

Tritanomaly

29.7990, 22.1043, 23.4649

Monochromacy



Original Color

32.0137, 22.1562, 34.0417

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.7310, 21.9868, 28.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0137, 22.1562, 34.0417 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(192, 97, 156)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 156)  
}
```

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(192, 97, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.0137, 22.1562, 34.0417 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(192, 97, 156) }
```


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

```
.border{ border-color:rgb(192, 97, 156) }
```

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

Here you see how a box with a 4 pixel rgb(192, 97, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 156);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0137, 22.1562, 34.0417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 156) }
```

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

```
.background{ background-color: rgb(192, 97,  
156) }
```

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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