

Converting Colors

XYZ(33.1091, 22.9777, 13.1150)

Have a look what the booklet for
XYZ(33.1091, 22.9777, 13.1150)
contains.

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Color

**XYZ(32.9320, 22.8236,
13.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	D35F5D
RGB	211, 95, 93
RGB Percent	83%, 37%, 36%
CMY	0.1725, 0.6274, 0.6353
CMYK	0.00, 0.55, 0.56, 0.17
HSL	1°, 57%, 60%
HSV	1°, 56%, 83%
XYZ	32.9320, 22.8236, 13.0256
YIQ	129.4560, 69.7780, 23.9700

Conversions

Conversions Part 2

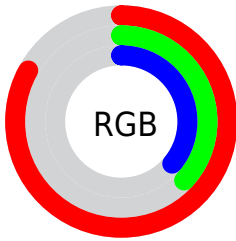
Format	Color
RYB	211, 95, 93
Decimal	13852509
CIELab	54.89, 45.62, 23.68
CIElCh	55, 51.398, 27.431
Yxy	22.8236, 0.4788, 0.3318
Android (android.graphics.Color)	4292042589 (0xFFD35F5D)
YUV	129.4560, -17.9728, 71.5141
Hunter-Lab	47.7741, 39.4405, 17.2764

Details

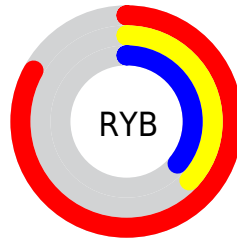
The XYZ color **32.9320, 22.8236, 13.0256** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **39.0711, 52.6282, 69.7269**, and the grayscale version is **21.0710, 22.1684, 24.1414**.

A 20% lighter version of the original color is **56.9454, 44.7381, 31.6206**, and **14.1036, 8.4405, 3.5752** is the 20% darker color. If you saturate the color by 10%, you get **30.4969, 19.2485, 8.2219**, and if you desaturate by 10%, it is **36.1233, 27.4988, 19.3536**.

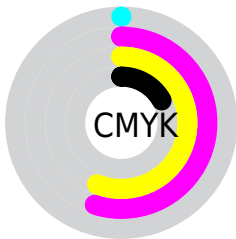
Distribution



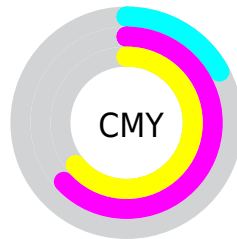
- Red (83%)
- Green (37%)
- Blue (36%)



- Red (83%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (17%)




- Cyan (17%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9320, 22.8236, 13.0256 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 32.9320, 22.8236, 13.0256 by changing the saturation by 10% instead.


 32.9320, 22.8236,
13.0256


 32.9320, 22.8236,
13.0256


307.0136,
266.8177, 222.2953


 22.2333, 14.4633,
7.3152


 63.6247, 48.1035,
32.0416


 14.1460, 8.4436,
3.5786


 84.3495, 65.7919,
46.1844

 8.3047, 4.3801,
1.3971


 109.1471, 87.3585,
63.9750

 4.3440, 1.8884,
0.1395

 138.3827,
113.1876, 85.8321

 1.8985, 0.5414,
0.0000

172.4219,
143.6637, 112.1741

 0.5760, 0.0000,
0.0000

211.6298,

 0.0000, 0.0000,

179.1712, 143.4196

0.0000

256.3720,
220.0944, 179.9871

■ 32.9320, 22.8236,
13.0256

■ 32.9320, 22.8236,
13.0256

■ 30.4969, 19.2485,
8.2219

■ 36.1233, 27.4988,
19.3536

■ 28.7542, 16.6804,
4.8131

■ 40.1245, 33.3503,
27.3183

■ 27.6323, 15.0168,
2.6505

■ 44.9862, 40.4514,
37.0230

■ 27.0430, 14.1317,
1.5493

■ 50.7545, 48.8688,
48.5622

■ 26.9029, 13.9267,
1.2702

■ 57.4723, 58.6642,
62.0236

■ 65.1796, 69.8955,
77.4890

■ 73.9141, 82.6173,
95.0359

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



34.5696, 22.8236, 26.2831



32.9320, 22.8236, 13.0256



28.1358, 22.8236, 6.6874

Triad

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



32.9320, 22.8236, 13.0256



13.7137, 22.8236, 11.5064



21.2061, 22.8236, 71.1701

Complementary

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



32.9320, 22.8236, 13.0256



39.0711, 52.6282, 69.7269

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.



16.3177, 22.8236, 61.7410



32.9320, 22.8236, 13.0256



12.4920, 22.8236, 23.4719

Square

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



32.9320, 22.8236, 13.0256



17.0309, 22.8236, 6.1186



13.3554, 22.8236, 42.2722



27.1370, 22.8236, 64.3551

Rectangle

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



32.9320, 22.8236, 13.0256



24.1637, 22.8236, 5.0925



13.3554, 22.8236, 42.2722



19.3970, 22.8236, 69.7282

Sweetspot

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



32.9326, 22.8248, 13.0260



76.7199, 73.2765, 72.1563



42.2911, 26.2828, 63.1872



16.0194, 15.0980, 14.6403



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.



32.9326, 22.8248, 13.0260



46.2587, 28.7277, 11.5252



40.3899, 37.7395, 15.5118



11.8246, 11.8399, 12.2742



16.2435, 8.4199, 0.7691



0.9140, 0.4824, 0.0449

Inverse Universe

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



39.0711, 52.6282, 69.7269



56.5600, 78.7925, 106.8352



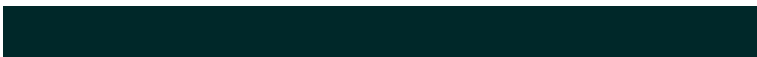
27.1838, 28.8538, 65.7645



12.1404, 13.3711, 15.1847



20.6303, 29.9072, 41.8778



1.1591, 1.6835, 2.3434

Previews

White Background



This preview shows how the XYZ color 32.9320, 22.8236, 13.0256 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 32.9320, 22.8236, 13.0256 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 32.9320, 22.8236, 13.0256

Background



This preview shows how black text looks on a background with the XYZ color 32.9320, 22.8236, 13.0256.



This preview shows how white text looks on a background with the XYZ color 32.9320, 22.8236,

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

32.9320, 22.8236, 13.0256

Protanopia

21.6590, 23.0956, 17.7843

Deuteranopia

23.3229, 22.8954, 12.4225



Tritanopia

33.1669, 22.7744, 14.7044

Trichromacy



Original Color

32.9320, 22.8236, 13.0256

Protanomaly

24.5621, 22.1723, 15.8171

Deuteranomaly

26.1077, 22.3468, 12.6102

Tritanomaly

33.0243, 22.7174, 13.9536

Monochromacy



Original Color

32.9320, 22.8236, 13.0256

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.8118, 21.3545, 19.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9320, 22.8236, 13.0256 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(211, 95, 93)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 93)  
}
```

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(211, 95, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 93) }
```

Border

The CSS property to change the border of an element to XYZ 32.9320, 22.8236, 13.0256 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(211, 95, 93) }
```


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

```
.border{ border-color:rgb(211, 95, 93) }
```

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

Here you see how a box with a 4 pixel rgb(211, 95, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 93);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9320, 22.8236, 13.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 93) }
```

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

```
.background{ background-color: rgb(211, 95,  
93) }
```

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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