

Converting Colors

XYZ(32.7051, 21.3581, 11.8500)

Have a look what the booklet for
XYZ(32.7051, 21.3581, 11.8500)
contains.

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Color

**XYZ(32.7051, 21.3581,
11.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	D65459
RGB	214, 84, 89
RGB Percent	84%, 33%, 35%
CMY	0.1608, 0.6706, 0.6510
CMYK	0.00, 0.61, 0.58, 0.16
HSL	358°, 61%, 58%
HSV	358°, 61%, 84%
XYZ	32.7051, 21.3581, 11.8500
YIQ	123.4400, 75.8750, 29.1150

Conversions

Conversions Part 2

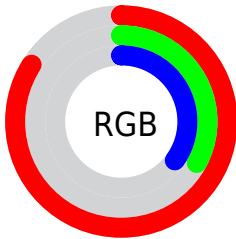
Format	Color
RYB	214, 84, 89
Decimal	14046297
CIELab	53.34, 51.50, 24.06
CIElCh	53, 56.840, 25.045
Yxy	21.3581, 0.4962, 0.3240
Android (android.graphics.Color)	4292236377 (0xFFD65459)
YUV	123.4400, -16.9789, 79.4211
Hunter-Lab	46.2148, 45.4441, 17.1478

Details

The XYZ color **32.7051, 21.3581, 11.8500** 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 **39.2128, 54.5819, 68.7947**, and the grayscale version is **19.0099, 19.9999, 21.7799**.

A 20% lighter version of the original color is **55.1328, 41.5893, 29.5478**, and **13.9391, 7.6494, 3.1247** is the 20% darker color. If you saturate the color by 10%, you get **30.5437, 18.2304, 7.4457**, and if you desaturate by 10%, it is **35.6163, 25.5992, 17.6959**.

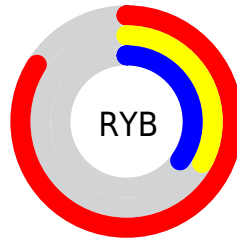
Distribution



Red (84%)

Green (33%)

Blue (35%)



Red (84%)

Yellow (33%)

Blue (35%)

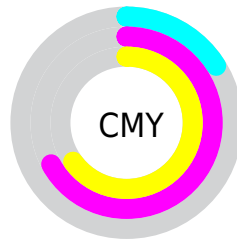


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (16%)



Cyan (16%)


Magenta (67%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7051, 21.3581, 11.8500 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 32.7051, 21.3581, 11.8500 by changing the saturation by 10% instead.


 32.7051, 21.3581,
11.8500


 32.7051, 21.3581,
11.8500

306.0073,
259.1755, 214.3523


 22.0588, 13.3860,
6.5203


 63.2726, 45.6828,
29.8819


 14.0169, 7.6949,
3.0901


 83.9245, 62.8041,
43.4212


 8.2142, 3.9003,
1.1408


 108.6423, 83.7440,
60.5342

 4.2853, 1.6180,
0.0000

 137.7914,
108.8869, 81.6393

 1.8648, 0.3697,
0.0000

 171.7371,
138.6170, 107.1551

 0.5562, 0.0000,
0.0000

210.8447,

 0.0000, 0.0000,

173.3189, 137.5002

0.0000

255.4797,
213.3770, 173.0931

■ 32.7051, 21.3581,
11.8500

■ 32.7051, 21.3581,
11.8500

■ 30.5437, 18.2304,
7.4457

■ 35.6163, 25.5992,
17.6959

■ 29.0619, 16.1085,
4.3571

■ 39.3359, 31.0412,
25.0927

■ 28.1792, 14.8700,
2.4382

■ 43.9184, 37.7670,
34.1404

■ 27.7765, 14.3141,
1.5349

■ 49.4134, 45.8510,
44.9304

■ 55.8663, 55.3621,
57.5474

■ 63.3200, 66.3645,
72.0703

■ 71.8143, 78.9183,
88.5738

■ 81.3209, 92.9478,
107.1062

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



34.1634, 21.3581, 26.2396



32.7051, 21.3581, 11.8500



27.6853, 21.3581, 5.2868

Triad

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



32.7051, 21.3581, 11.8500



12.2103, 21.3581, 8.9578



19.3162, 21.3581, 74.4263

Complementary

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



32.7051, 21.3581, 11.8500



39.2128, 54.5819, 68.7947

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.



14.3613, 21.3581, 62.4119



32.7051, 21.3581, 11.8500



10.8096, 21.3581, 20.5064

Square

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



32.7051, 21.3581, 11.8500



15.7813, 21.3581, 4.2898



11.5113, 21.3581, 40.3132



25.6086, 21.3581, 68.1099

Rectangle

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



32.7051, 21.3581, 11.8500



23.4382, 21.3581, 3.6752



11.5113, 21.3581, 40.3132



17.4557, 21.3581, 72.2766

Sweetspot

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



32.7056, 21.3593, 11.8504



75.8057, 71.6063, 71.3640



41.1806, 24.5345, 66.1833



15.6575, 14.4900, 14.1625



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.



32.7056, 21.3593, 11.8504



44.6634, 26.0196, 9.5057



39.0802, 34.4327, 12.9756



12.4424, 12.4285, 13.0039



16.7979, 8.6555, 0.9738



1.0201, 0.5248, 0.0953

Inverse Universe

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



32.7056, 21.3593, 11.8504



44.6634, 26.0196, 9.5057



27.5998, 30.3508, 68.0217



12.4424, 12.4285, 13.0039



16.7979, 8.6555, 0.9738



1.0201, 0.5248, 0.0953

Previews

White Background



This preview shows how the XYZ color 32.7051, 21.3581, 11.8500 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 32.7051, 21.3581, 11.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

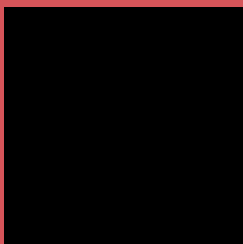
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7051, 21.3581, 11.8500

Background



This preview shows how black text looks on a background with the XYZ color 32.7051, 21.3581, 11.8500.



This preview shows how white text looks on a background with the XYZ color 32.7051, 21.3581,

11.8500.

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

32.7051, 21.3581, 11.8500

Protanopia

20.4176, 21.6719, 17.2943

Deuteranopia

21.8473, 21.4136, 11.1654



Tritanopia

32.7051, 21.3581, 11.8500

Trichromacy



Original Color

32.7051, 21.3581, 11.8500

Protanomaly

23.4530, 20.4204, 15.0174

Deuteranomaly

24.9068, 20.6111, 11.2599

Tritanomaly

32.7051, 21.3581, 11.8500

Monochromacy



Original Color

32.7051, 21.3581, 11.8500

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.0482, 19.1529, 17.5737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7051, 21.3581, 11.8500 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(214, 84, 89)` looks like.

```
.text, #text, p{  
    color:rgb(214, 84, 89)  
}
```

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(214, 84, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 84, 89) }
```

Border

The CSS property to change the border of an element to XYZ 32.7051, 21.3581, 11.8500 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(214, 84, 89) }
```


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

```
.border{ border-color:rgb(214, 84, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 84, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 84, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 84, 89);  
box-shadow:4px 4px 4px 4px rgb(214, 84,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7051, 21.3581, 11.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 84, 89) }
```

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

```
.background{ background-color: rgb(214, 84,  
89) }
```

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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