

Converting Colors

XYZ(31.0906, 21.0566, 9.2602)

Have a look what the booklet for
XYZ(31.0906, 21.0566, 9.2602)
contains.

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Color

**XYZ(31.0887, 21.0566,
9.2632)**

Conversions

Conversions Part 1

Format	Color
Hex	D1584C
RGB	209, 88, 76
RGB Percent	82%, 35%, 30%
CMY	0.1804, 0.6549, 0.7020
CMYK	0.00, 0.58, 0.64, 0.18
HSL	5°, 59%, 56%
HSV	5°, 64%, 82%
XYZ	31.0887, 21.0566, 9.2632
YIQ	122.8110, 75.9680, 21.9200

Conversions

Conversions Part 2

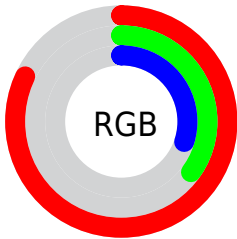
Format	Color
R_{YB}	209, 89, 76
Decimal	13719628
CIE Lab	53.01, 47.04, 31.02
CIE LCh	53, 56.348, 33.405
Yxy	21.0566, 0.5063, 0.3429
Android (android.graphics.Color)	4291909708 (0xFFD1584C)
YUV	122.8110, -23.0778, 75.5878
Hunter-Lab	45.8875, 40.6304, 20.1525

Details

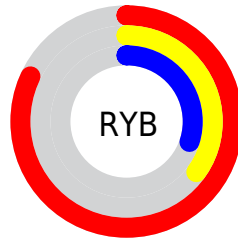
The XYZ color **31.0887, 21.0566, 9.2632** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.4535, 46.0688, 67.3974**, and the grayscale version is **18.8214, 19.8016, 21.5639**.

A 20% lighter version of the original color is **54.6147, 42.0867, 24.6471**, and **13.0039, 7.4825, 2.0552** is the 20% darker color. If you saturate the color by 10%, you get **29.1141, 18.0876, 5.5839**, and if you desaturate by 10%, it is **33.7072, 24.9362, 14.3216**.

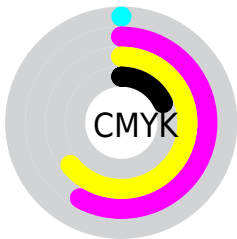
Distribution



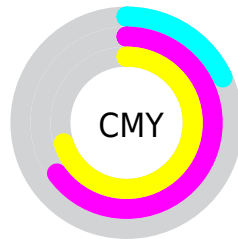
- Red (82%)
- Green (35%)
- Blue (30%)



- Red (82%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (18%)





- Cyan (18%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0887, 21.0566, 9.2632 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 31.0887, 21.0566, 9.2632 by changing the saturation by 10% instead.


 31.0887, 21.0566,
9.2632


 31.0887, 21.0566,
9.2632

298.7663,
257.5791, 195.6192


 20.8186, 13.1654,
4.8141


 60.7546, 45.1817,
24.9859

 13.1031, 7.5425,
2.0818


 80.8810, 62.1844,
37.0966

 7.5771, 3.8036,
0.6049


 105.0236, 82.9930,
52.5982

 3.8751, 1.5643,
0.0000

 133.5478,
107.9920, 71.9092

 1.6317, 0.3334,
0.0000

 166.8187,
137.5657, 95.4484

 0.4129, 0.0000,
0.0000

205.2019,

 0.0000, 0.0000,

172.0985, 123.6340

0.0000

249.0627,
211.9749, 156.8848

■ 31.0887, 21.0566,
9.2632

■ 31.0887, 21.0566,
9.2632

■ 29.1141, 18.0876,
5.5839

■ 33.7072, 24.9362,
14.3216

■ 27.7258, 15.9515,
3.1462

■ 37.0177, 29.7889,
20.8762

■ 26.8581, 14.5634,
1.7865

■ 41.0652, 35.6757,
29.0332

■ 26.5250, 14.0165,
1.3074

■ 45.8908, 42.6517,
38.8886

■ 51.5322, 50.7681,
50.5309

■ 58.0248, 60.0726,
64.0424

■ 65.4021, 70.6106,
79.5005

■ 73.6954, 82.4247,
96.9779

■ 80.1043, 92.2952,
108.2006

Harmonies

Analogous

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



33.6492, 21.0566, 21.0461



31.0887, 21.0566, 9.2632



25.5492, 21.0566, 4.3937

Triad

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



31.0887, 21.0566, 9.2632



11.4690, 21.0566, 11.2181



20.6969, 21.0566, 73.2353

Complementary

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



31.0887, 21.0566, 9.2632



34.4535, 46.0688, 67.3974

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.



15.3416, 21.0566, 66.1284



31.0887, 21.0566, 9.2632



10.6718, 21.0566, 24.9168

Square

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



31.0887, 21.0566, 9.2632



14.3823, 21.0566, 5.0687



11.9414, 21.0566, 45.9423



26.9512, 21.0566, 62.2849

Rectangle

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



31.0887, 21.0566, 9.2632



21.3485, 21.0566, 3.4049



11.9414, 21.0566, 45.9423



18.7357, 21.0566, 72.8932

Sweetspot

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



31.0892, 21.0578, 9.2636



75.7230, 72.2939, 68.7065



39.0621, 22.7975, 55.7169



15.6764, 14.7086, 13.6115



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.



31.0892, 21.0578, 9.2636



44.8618, 27.1474, 7.3187



39.0857, 37.0509, 11.9291



11.8933, 11.9774, 12.2971



16.3860, 8.7050, 0.8166



0.9465, 0.5473, 0.0558

Inverse Universe

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



34.4535, 46.0688, 67.3974



50.4170, 69.0788, 105.2840



22.6615, 22.4847, 63.4667



12.0633, 13.2169, 15.1590



18.5044, 25.6554, 41.1692



1.0620, 1.4891, 2.3110

Previews

White Background



This preview shows how the XYZ color 31.0887, 21.0566, 9.2632 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 31.0887, 21.0566, 9.2632 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 31.0887, 21.0566, 9.2632

Background



This preview shows how black text looks on a background with the XYZ color 31.0887, 21.0566, 9.2632.



This preview shows how white text looks on a background with the XYZ color 31.0887, 21.0566,

9.2632.

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

31.0887, 21.0566, 9.2632

Protanopia

19.7942, 21.2524, 12.9564

Deuteranopia

21.4604, 21.0855, 8.7332



Tritanopia

31.7945, 21.1125, 12.2969

Trichromacy



Original Color

31.0887, 21.0566, 9.2632

Protanomaly

22.6891, 20.2687, 11.5205

Deuteranomaly

24.3175, 20.5191, 8.8098

Tritanomaly

31.6663, 21.1899, 11.2252

Monochromacy



Original Color

31.0887, 21.0566, 9.2632

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.5039, 19.0625, 16.1817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0887, 21.0566, 9.2632 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(209, 88, 76)` looks like.

```
.text, #text, p{  
    color:rgb(209, 88, 76)  
}
```

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(209, 88, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 88, 76) }
```

Border

The CSS property to change the border of an element to XYZ 31.0887, 21.0566, 9.2632 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(209, 88, 76) }
```


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

```
.border{ border-color:rgb(209, 88, 76) }
```

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

Here you see how a box with a 4 pixel rgb(209, 88, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 88, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 88, 76);  
box-shadow:4px 4px 4px 4px rgb(209, 88,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0887, 21.0566, 9.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 88, 76) }
```

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

```
.background{ background-color: rgb(209, 88,  
76) }
```

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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