

Converting Colors

XYZ(29.1739, 18.9244, 3.4832)

Have a look what the booklet for
XYZ(29.1739, 18.9244, 3.4832)
contains.

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Color

**XYZ(29.2091, 18.9673,
3.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	D14D20
RGB	209, 77, 32
RGB Percent	82%, 30%, 13%
CMY	0.1804, 0.6980, 0.8745
CMYK	0.00, 0.63, 0.85, 0.18
HSL	15°, 73%, 47%
HSV	15°, 85%, 82%
XYZ	29.2091, 18.9673, 3.4881
YIQ	111.3380, 93.1170, 13.9890

Conversions

Conversions Part 2

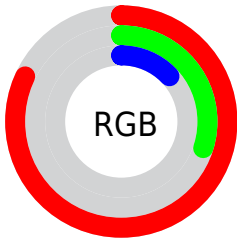
Format	Color
R_{YB}	209, 92, 32
Decimal	13716768
CIE _{Lab}	50.65, 50.13, 51.39
CIE _{LCh}	51, 71.796, 45.710
Yxy	18.9673, 0.5654, 0.3671
Android (android.graphics.Color)	4291906848 (0xFFD14D20)
YUV	111.3380, -39.1136, 85.6496
Hunter-Lab	43.5515, 43.5013, 25.7374

Details

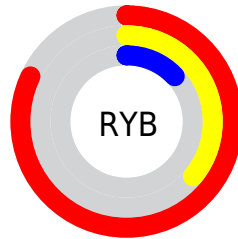
The XYZ color **29.2091, 18.9673, 3.4881** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25.3786, 31.4591, 65.0559**, and the grayscale version is **15.2998, 16.0966, 17.5292**.

A 20% lighter version of the original color is **50.8415, 38.0867, 12.4564**, and **12.2179, 6.5736, 0.6249** is the 20% darker color. If you saturate the color by 10%, you get **28.0467, 16.9624, 2.1156**, and if you desaturate by 10%, it is **30.8135, 21.5689, 5.8955**.

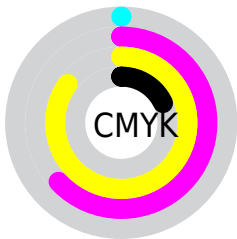
Distribution



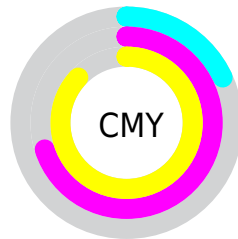
- Red (82%)
- Green (30%)
- Blue (13%)



- Red (82%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (85%)
- Black (18%)





- Cyan (18%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2091, 18.9673, 3.4881 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 29.2091, 18.9673, 3.4881 by changing the saturation by 10% instead.


 29.2091, 18.9673,
3.4881


 29.2091, 18.9673,
3.4881


290.1767,
246.2682, 142.3533


 19.3841, 11.6467,
1.3489


 57.8044, 41.6788,
12.8108

 12.0538, 6.5036,
0.1014


 77.3054, 57.8385,
20.8315


 6.8528, 3.1536,
0.0000


 100.7626, 77.7133,
31.6497

 3.4157, 1.2125,
0.0000

 128.5411,
101.6877, 45.6840

 1.3772, 0.0718,
0.0000

 161.0065,
130.1459, 63.3530


 0.2399, 0.0000,
0.0000


 198.5239,


 0.0000, 0.0000,


163.4725, 85.0752


0.0000


 241.4589,
202.0518, 111.2691


 29.2091, 18.9673,
3.4881


 29.2091, 18.9673,
3.4881


 28.0467, 16.9624,
2.1156


 30.8135, 21.5689,
5.8955

 27.5740, 16.1145,
1.6571

 32.9052, 24.8099,
9.4981

 35.5246, 28.7325,
14.4291

 38.7071, 33.3738,
20.8035

 42.4847, 38.7685,
28.7238

■ 46.8872, 44.9487,
38.2832

■ 51.9421, 51.9448,
49.5672

■ 57.6751, 59.7852,
62.6555

■ 64.1108, 68.4974,
77.6230

Harmonies

Analogous

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



34.4206, 18.9673, 11.8439



29.2091, 18.9673, 3.4881



21.5741, 18.9673, 1.2684

Triad

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



29.2091, 18.9673, 3.4881



7.8458, 18.9673, 12.4952



21.9409, 18.9673, 84.8215

Complementary

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



29.2091, 18.9673, 3.4881



25.3786, 31.4591, 65.0559

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.



14.8932, 18.9673, 85.4600



29.2091, 18.9673, 3.4881



7.8957, 18.9673, 33.0068

Square

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



29.2091, 18.9673, 3.4881



9.9803, 18.9673, 3.6995



10.1408, 18.9673, 62.6011



29.5371, 18.9673, 61.1909

Rectangle

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



29.2091, 18.9673, 3.4881



16.7162, 18.9673, 1.1182



10.1408, 18.9673, 62.6011



19.4064, 18.9673, 88.0783

Sweetspot

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



29.2095, 18.9684, 3.4884



73.0960, 69.8815, 59.0705



33.5797, 17.2959, 37.0468



15.1003, 14.1951, 11.4504



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.



29.2095, 18.9684, 3.4884



43.1211, 25.0223, 2.5570



39.9652, 40.4797, 7.0736



12.0496, 12.2898, 12.3491



17.0688, 10.0706, 1.0442



1.0191, 0.6925, 0.0800

Inverse Universe

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



25.3786, 31.4591, 65.0559



36.4981, 44.1163, 101.1994



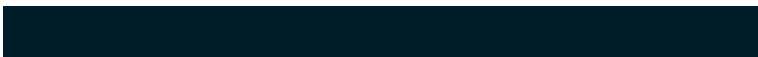
14.7061, 10.1141, 61.4984



11.8933, 12.8768, 15.1023



14.4937, 17.6339, 39.8323



0.8719, 1.1089, 2.2477

Previews

White Background



This preview shows how the XYZ color 29.2091, 18.9673, 3.4881 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



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 29.2091, 18.9673, 3.4881

Background



This preview shows how black text looks on a background with the XYZ color 29.2091, 18.9673, 3.4881.



This preview shows how white text looks on a background with the XYZ color 29.2091, 18.9673,

3.4881.

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

29.2091, 18.9673, 3.4881

Protanopia

17.2651, 19.0001, 5.0429

Deuteranopia

19.3402, 19.0628, 3.0409



Tritanopia

30.2353, 18.8722, 9.0703

Trichromacy



Original Color

29.2091, 18.9673, 3.4881

Protanomaly

20.3181, 17.9310, 4.3096

Deuteranomaly

22.0135, 18.2421, 3.0227

Tritanomaly

29.8694, 18.9361, 6.4956

Monochromacy



Original Color

29.2091, 18.9673, 3.4881

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.0175, 15.7359, 10.0704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2091, 18.9673, 3.4881 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, 77, 32)` looks like.

```
.text, #text, p{  
    color:rgb(209, 77, 32)  
}
```

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, 77, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 77, 32) }
```

Border

The CSS property to change the border of an element to XYZ 29.2091, 18.9673, 3.4881 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, 77, 32) }
```


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

```
.border{ border-color:rgb(209, 77, 32) }
```

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

Here you see how a box with a 4 pixel rgb(209, 77, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 77, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 77, 32);  
box-shadow:4px 4px 4px 4px rgb(209, 77,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2091, 18.9673, 3.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 77, 32) }
```

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

```
.background{ background-color: rgb(209, 77,  
32) }
```

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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