

Converting Colors

XYZ(32.2577, 19.3361, 3.0068)

Have a look what the booklet for
XYZ(32.2577, 19.3361, 3.0068)
contains.

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Color

**XYZ(32.1441, 19.2710,
3.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	DE401A
RGB	222, 64, 26
RGB Percent	87%, 25%, 10%
CMY	0.1294, 0.7490, 0.8980
CMYK	0.00, 0.71, 0.88, 0.13
HSL	12°, 79%, 49%
HSV	12°, 88%, 87%
XYZ	32.1441, 19.2710, 3.0028
YIQ	106.9100, 106.3660, 21.6780

Conversions

Conversions Part 2

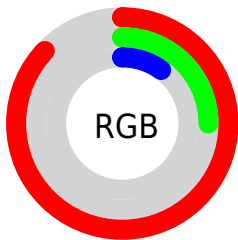
Format	Color
RYB	222, 73, 26
Decimal	14565402
CIELab	51.00, 59.55, 55.10
CIElCh	51, 81.130, 42.775
Yxy	19.2710, 0.5907, 0.3541
Android (android.graphics.Color)	4292755482 (0xFFDE401A)
YUV	106.9100, -39.8886, 100.9339
Hunter-Lab	43.8987, 53.8807, 26.6735

Details

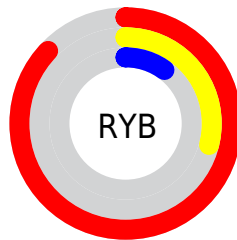
The XYZ color **32.1441, 19.2710, 3.0028** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **30.7492, 39.7703, 75.1626**, and the grayscale version is **14.0379, 14.7689, 16.0834**.

A 20% lighter version of the original color is **49.3819, 35.4565, 11.0786**, and **14.1006, 7.2691, 0.6599** is the 20% darker color. If you saturate the color by 10%, you get **31.1264, 17.5009, 1.8467**, and if you desaturate by 10%, it is **33.6719, 21.7650, 5.2446**.

Distribution



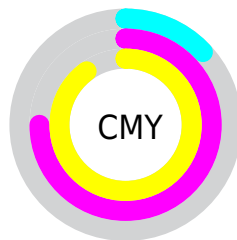
- Red (87%)
- Green (25%)
- Blue (10%)



- Red (87%)
- Yellow (29%)
- Blue (10%)



- Cyan (0%)
- Magenta (71%)
- Yellow (88%)
- Black (13%)





- Cyan (13%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1441, 19.2710, 3.0028 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 32.1441, 19.2710, 3.0028 by changing the saturation by 10% instead.


 32.1441, 19.2710,
3.0028


 32.1441, 19.2710,
3.0028


303.5088,
247.9408, 136.3963


 21.6277, 11.8663,
1.0961


 62.4006, 42.1915,
11.6353

 13.6986, 6.6527,
0.0000


 82.8714, 58.4761,
19.1982

 7.9917, 3.2459,
0.0000

 107.3910, 78.4894,
29.4836

 4.1414, 1.2614,
0.0000

 136.3247,
102.6158, 42.9100

 1.7824, 0.1110,
0.0000

 170.0381,
131.2398, 59.8959


 0.5070, 0.0000,
0.0000


 208.8963,


 0.0000, 0.0000,


164.7457, 80.8599


0.0000


 253.2647,
203.5179, 106.2205


 32.1441, 19.2710,
3.0028


 32.1441, 19.2710,
3.0028


 31.1264, 17.5009,
1.8467


 33.6719, 21.7650,
5.2446

 30.9898, 17.2610,
1.6984

 35.7803, 25.0530,
8.8109

 38.5248, 29.1981,
13.8690

 41.9537, 34.2559,
20.5607

 46.1103, 40.2773,
29.0115

■ 51.0343, 47.3092,
39.3345

■ 56.7625, 55.3956,
51.6331

■ 63.3292, 64.5777,
66.0034

■ 70.7667, 74.8946,
82.5350

Harmonies

Analogous

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



37.8715, 19.2710, 12.6470



32.1441, 19.2710, 3.0028



23.2784, 19.2710, 0.7302

Triad

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



32.1441, 19.2710, 3.0028



7.1749, 19.2710, 10.4254



21.9461, 19.2710, 100.3671

Complementary

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



32.1441, 19.2710, 3.0028



30.7492, 39.7703, 75.1626

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.



14.1151, 19.2710, 97.8656



32.1441, 19.2710, 3.0028



7.0100, 19.2710, 32.3546

Square

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



32.1441, 19.2710, 3.0028



9.7062, 19.2710, 2.3864



9.1617, 19.2710, 67.6005



30.9266, 19.2710, 73.0354

Rectangle

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



32.1441, 19.2710, 3.0028



17.5794, 19.2710, 0.4825



9.1617, 19.2710, 67.6005



19.0740, 19.2710, 103.3557

Sweetspot

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



32.1445, 19.2722, 3.0031



71.4096, 66.9548, 57.1334



39.3634, 19.8164, 48.2417



14.7376, 13.5549, 11.0667



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.



32.1445, 19.2722, 3.0031



42.3573, 23.4946, 2.3024



42.8698, 40.7226, 6.5782



13.9213, 14.1286, 14.3001



18.4687, 10.3753, 1.0292



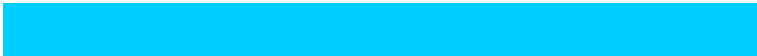
1.3422, 0.8433, 0.0920

Inverse Universe

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



30.7492, 39.7703, 75.1626



40.0127, 51.1454, 102.3709



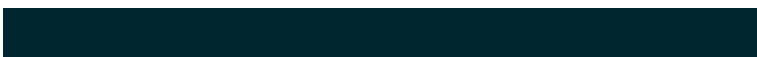
17.1061, 12.4841, 70.6149



13.8789, 15.0969, 17.5702



17.4790, 22.4276, 44.4561



1.2701, 1.6717, 3.1010

Previews

White Background



This preview shows how the XYZ color 32.1441, 19.2710, 3.0028 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 32.1441, 19.2710, 3.0028 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 32.1441, 19.2710, 3.0028

Background



This preview shows how black text looks on a background with the XYZ color 32.1441, 19.2710, 3.0028.



This preview shows how white text looks on a background with the XYZ color 32.1441, 19.2710,

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

32.1441, 19.2710, 3.0028

Protanopia

17.6591, 19.3906, 4.8195

Deuteranopia

19.5718, 19.3608, 2.7055



Tritanopia

32.9445, 19.2786, 6.6874

Trichromacy



Original Color

32.1441, 19.2710, 3.0028

Protanomaly

21.1055, 17.7535, 3.9045

Deuteranomaly

22.9144, 18.1528, 2.5546

Tritanomaly

32.6759, 19.2558, 5.0121

Monochromacy



Original Color

32.1441, 19.2710, 3.0028

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.5107, 14.4218, 9.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1441, 19.2710, 3.0028 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(222, 64, 26)` looks like.

```
.text, #text, p{  
    color:rgb(222, 64, 26)  
}
```

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(222, 64, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 64, 26) }
```

Border

The CSS property to change the border of an element to XYZ 32.1441, 19.2710, 3.0028 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(222, 64, 26) }
```


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

```
.border{ border-color:rgb(222, 64, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 64, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 64, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 64, 26);  
box-shadow:4px 4px 4px 4px rgb(222, 64,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1441, 19.2710, 3.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 64, 26) }
```

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

```
.background{ background-color: rgb(222, 64,  
26) }
```

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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