

Converting Colors

XYZ(32.1295, 21.4819, 3.4303)

Have a look what the booklet for
XYZ(32.1295, 21.4819, 3.4303)
contains.

XYZ(32.1295, 21.4819, 3.4303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1295, 21.4819,
3.4303)**

Conversions

Conversions Part 1

Format	Color
Hex	D9561A
RGB	217, 86, 26
RGB Percent	85%, 34%, 10%
CMY	0.1490, 0.6627, 0.8980
CMYK	0.00, 0.60, 0.88, 0.15
HSL	19°, 79%, 48%
HSV	19°, 88%, 85%
XYZ	32.1295, 21.4819, 3.4303
YIQ	118.3290, 97.3360, 9.1120

Conversions

Conversions Part 2

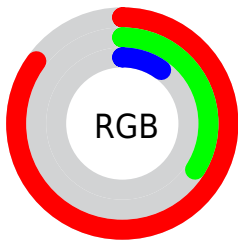
Format	Color
RYB	217, 113, 26
Decimal	14243354
CIELab	53.47, 48.85, 56.61
CIELCh	53, 74.778, 49.209
Yxy	21.4819, 0.5633, 0.3766
Android (android.graphics.Color)	4292433434 (0xFFD9561A)
YUV	118.3290, -45.5182, 86.5345
Hunter-Lab	46.3486, 42.6288, 28.0559

Details

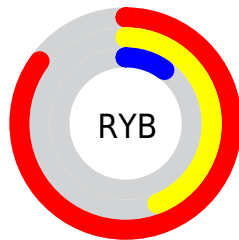
The XYZ color **32.1295, 21.4819, 3.4303** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **25.0061, 29.3409, 69.9904**, and the grayscale version is **17.4412, 18.3495, 19.9826**.

A 20% lighter version of the original color is **51.9576, 40.5520, 12.1100**, and **13.7907, 7.7986, 0.7784** is the 20% darker color. If you saturate the color by 10%, you get **30.8999, 19.2836, 2.2170**, and if you desaturate by 10%, it is **33.7855, 24.2487, 5.6640**.

Distribution



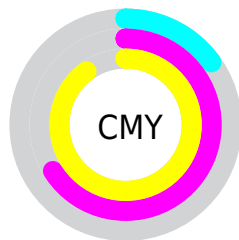
- Red (85%)
- Green (34%)
- Blue (10%)



- Red (85%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (60%)
- Yellow (88%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1295, 21.4819, 3.4303 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 32.1295, 21.4819, 3.4303 by changing the saturation by 10% instead.

 32.1295, 21.4819,
3.4303


 32.1295, 21.4819,
3.4303


303.4436,
259.8286, 141.6655


 21.6165, 13.4767,
1.3183


 62.3779, 45.8882,
12.6730

 13.6904, 7.7576,
0.0767


 82.8439, 63.0581,
20.6407

 7.9859, 3.9403,
0.0000


 107.3583, 84.0516,
31.3975

 4.1376, 1.6402,
0.0000

 136.2865,
109.2533, 45.3618

 1.7803, 0.3845,
0.0000

 169.9937,
139.0474, 62.9522

 0.5058, 0.0000,
0.0000

 208.8454,

 0.0000, 0.0000,

173.8184, 84.5873

0.0000

253.2069,
213.9506, 110.6855

32.1295, 21.4819,
3.4303

32.1295, 21.4819,
3.4303

30.8999, 19.2836,
2.2170

33.7855, 24.2487,
5.6640

30.6928, 18.9071,
2.0317

35.9210, 27.6249,
9.1348

38.5779, 31.6489,
13.9962

41.7923, 36.3550,
20.3789

45.5970, 41.7745,
28.3983

■ 50.0219, 47.9367,
38.1585

■ 55.0946, 54.8692,
49.7548

■ 60.8413, 62.5981,
63.2758

■ 67.2864, 71.1482,
78.8041

Harmonies

Analogous

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



38.5360, 21.4819, 11.7347



32.1295, 21.4819, 3.4303



23.4176, 21.4819, 1.3531

Triad

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



32.1295, 21.4819, 3.4303



8.7768, 21.4819, 16.1100



25.8754, 21.4819, 93.9369

Complementary

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



32.1295, 21.4819, 3.4303



25.0061, 29.3409, 69.9904

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.



17.6860, 21.4819, 98.2055



32.1295, 21.4819, 3.4303



9.1120, 21.4819, 40.9667

Square

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



32.1295, 21.4819, 3.4303



10.8887, 21.4819, 4.8567



11.9667, 21.4819, 74.7017



34.3259, 21.4819, 65.2673

Rectangle

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



32.1295, 21.4819, 3.4303



18.0664, 21.4819, 1.3220



11.9667, 21.4819, 74.7017



22.9651, 21.4819, 98.7528

Sweetspot

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



32.1300, 21.4831, 3.4306



73.3234, 70.7824, 57.7714



35.3034, 18.0181, 34.7375



15.1824, 14.4445, 11.2150



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.



32.1300, 21.4831, 3.4306



44.1170, 27.0141, 2.8890



44.8815, 46.9862, 7.6812



13.3882, 13.7157, 13.6673



18.6637, 11.6129, 1.2578



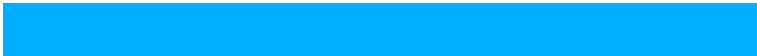
1.2850, 0.9040, 0.1068

Inverse Universe

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



25.0061, 29.3409, 69.9904



33.3577, 37.8354, 100.1526



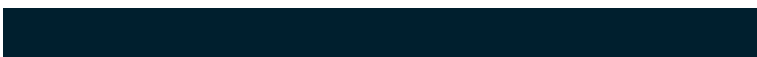
14.7951, 8.9189, 66.5868



13.0819, 14.1035, 16.6849



14.1692, 16.2078, 42.1200



0.9938, 1.2017, 2.7540

Previews

White Background



This preview shows how the XYZ color 32.1295, 21.4819, 3.4303 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 32.1295, 21.4819, 3.4303 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 32.1295, 21.4819, 3.4303

Background



This preview shows how black text looks on a background with the XYZ color 32.1295, 21.4819, 3.4303.



This preview shows how white text looks on a background with the XYZ color 32.1295, 21.4819,

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

32.1295, 21.4819, 3.4303

Protanopia

19.6858, 21.7634, 4.9135

Deuteranopia

21.8598, 21.6004, 3.0172



Tritanopia

33.7218, 21.4533, 10.9579

Trichromacy



Original Color

32.1295, 21.4819, 3.4303

Protanomaly

22.9742, 20.5780, 4.1999

Deuteranomaly

24.8094, 20.9021, 2.9854

Tritanomaly

32.8561, 21.3102, 7.2321

Monochromacy



Original Color

32.1295, 21.4819, 3.4303

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.1202, 17.8340, 10.9762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1295, 21.4819, 3.4303 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(217, 86, 26)` looks like.

```
.text, #text, p{  
    color:rgb(217, 86, 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(217, 86, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 86, 26) }
```

Border

The CSS property to change the border of an element to XYZ 32.1295, 21.4819, 3.4303 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(217, 86, 26) }
```


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

```
.border{ border-color:rgb(217, 86, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 86, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 86, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 86, 26);  
box-shadow:4px 4px 4px 4px rgb(217, 86,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1295, 21.4819, 3.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 86, 26) }
```

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

```
.background{ background-color: rgb(217, 86,  
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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