

Converting Colors

XYZ(32.6772, 19.5345, 2.0493)

Have a look what the booklet for
XYZ(32.6772, 19.5345, 2.0493)
contains.

XYZ(32.5739, 19.5141, 2.0498)	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(32.5739, 19.5141,
2.0498)**

Conversions

Conversions Part 1

Format	Color
Hex	E04000
RGB	224, 64, 0
RGB Percent	88%, 25%, 0%
CMY	0.1216, 0.7490, 1.0000
CMYK	0.00, 0.71, 1.00, 0.12
HSL	17°, 100%, 44%
HSV	17°, 100%, 88%
XYZ	32.5739, 19.5141, 2.0498
YIQ	104.5440, 115.9040, 14.0160

Conversions

Conversions Part 2

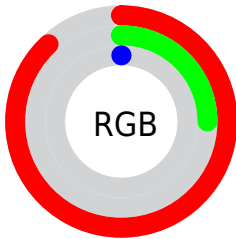
Format	Color
R_{YB}	224, 90, 0
Decimal	14696448
CIE _{Lab}	51.28, 59.89, 62.80
CIE _{LCh}	51, 86.779, 46.360
Yxy	19.5141, 0.6017, 0.3605
Android (android.graphics.Color)	4292886528 (0xFFE04000)
YUV	104.5440, -51.5402, 104.7629
Hunter-Lab	44.1748, 54.3177, 28.1712

Details

The XYZ color **32.5739, 19.5141, 2.0498** 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 **26.0239, 30.5206, 75.0400**, and the grayscale version is **13.4182, 14.1169, 15.3734**.

A 20% lighter version of the original color is **48.8930, 35.2610, 8.5041**, and **14.2981, 7.3709, 0.6691** is the 20% darker color. If you saturate the color by 10%, you get **32.5741, 19.5149, 2.0499**, and if you desaturate by 10%, it is **33.7584, 21.6456, 3.1784**.

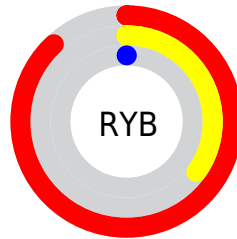
Distribution



Red (88%)

Green (25%)

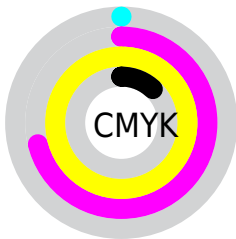
Blue (0%)



Red (88%)

Yellow (35%)

Blue (0%)

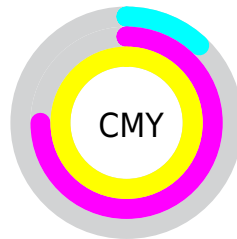


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5739, 19.5141, 2.0498 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 32.5739, 19.5141, 2.0498 by changing the saturation by 10% instead.

 32.5739, 19.5141,
2.0498


 32.5739, 19.5141,
2.0498


 305.4244,
249.2724, 123.1453


 21.9579, 12.0423,
0.5856


 63.0688, 42.6010,
9.1765

 13.9424, 6.7725,
0.0000


 83.6785, 58.9850,
15.7235


 8.1620, 3.3202,
0.0000

 108.3501, 79.1084,
24.8177

 4.2515, 1.3011,
0.0000

 137.4490,
103.3558, 36.8777

 1.8454, 0.1421,
0.0000

 171.3405,
132.1115, 52.3219

 0.5448, 0.0000,
0.0000


 210.3900,


 0.0000, 0.0000,


165.7599, 71.5688


0.0000


 254.9628,
204.6854, 95.0371


 32.5739, 19.5141,
2.0498


 32.5739, 19.5141,
2.0498


 32.5741, 19.5149,
2.0499

 33.7584, 21.6456,
3.1784

 35.3939, 24.4026,
5.3076

 37.5546, 27.8452,
8.7376

 40.2891, 32.0190,
13.6415

 43.6394, 36.9657,
20.1654

■ 47.6434, 42.7234,
28.4376

■ 52.3356, 49.3275,
38.5733

■ 57.7481, 56.8112,
50.6779

■ 63.9107, 65.2060,
64.8489

Harmonies

Analogous

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



39.5487, 19.5141, 10.4477



32.5739, 19.5141, 2.0498



22.7574, 19.5141, 0.2858

Triad

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



32.5739, 19.5141, 2.0498



6.6164, 19.5141, 11.8700



23.6437, 19.5141, 107.6969

Complementary

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



32.5739, 19.5141, 2.0498



26.0239, 30.5206, 75.0400

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.



14.8918, 19.5141, 109.4351



32.5739, 19.5141, 2.0498



6.7198, 19.5141, 37.7076

Square

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



32.5739, 19.5141, 2.0498



8.9192, 19.5141, 2.4053



9.2667, 19.5141, 77.8081



33.3943, 19.5141, 74.0667

Rectangle

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



32.5739, 19.5141, 2.0498



16.7636, 19.5141, 0.1520



9.2667, 19.5141, 77.8081



20.4538, 19.5141, 112.6005

Sweetspot

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



32.5743, 19.5153, 2.0501



70.0640, 65.9700, 51.4239



37.1323, 18.4041, 35.0984



14.4015, 13.2870, 9.7087



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.



32.5743, 19.5153, 2.0501



43.6138, 26.0076, 2.7213



46.1613, 46.6892, 6.5791



14.0246, 14.3352, 14.3346



19.0457, 11.5294, 1.2216



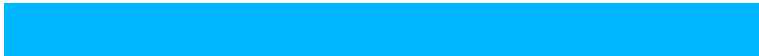
1.3952, 0.9493, 0.1097

Inverse Universe

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



26.0239, 30.5206, 75.0400



34.8052, 40.7304, 100.6351



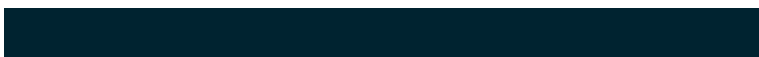
14.5335, 7.5399, 71.2098



13.7684, 14.8758, 17.5333



15.2505, 17.9705, 43.7132



1.1323, 1.3961, 3.0550

Previews

White Background



This preview shows how the XYZ color 32.5739, 19.5141, 2.0498 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 32.5739, 19.5141, 2.0498 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 32.5739, 19.5141, 2.0498

Background



This preview shows how black text looks on a background with the XYZ color 32.5739, 19.5141, 2.0498.



This preview shows how white text looks on a background with the XYZ color 32.5739, 19.5141,

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

32.5739, 19.5141, 2.0498

Protanopia

17.7397, 19.6394, 3.7755

Deuteranopia

19.8789, 19.6911, 2.7530



Tritanopia

33.5367, 19.5871, 6.5705

Trichromacy



Original Color

32.5739, 19.5141, 2.0498

Protanomaly

21.2071, 17.9752, 2.8420

Deuteranomaly

23.1901, 18.4387, 2.3368

Tritanomaly

33.0863, 19.4915, 3.9379

Monochromacy



Original Color

32.5739, 19.5141, 2.0498

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.8820, 14.0135, 7.1253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5739, 19.5141, 2.0498 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(224, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 64, 0)  
}
```

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(224, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 64, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.5739, 19.5141, 2.0498 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(224, 64, 0) }
```


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

```
.border{ border-color:rgb(224, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 64, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 64, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 64, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 32.5739, 19.5141, 2.0498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 64, 0) }
```

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

```
.background{ background-color: rgb(224, 64,  
0) }
```

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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