

Converting Colors

XYZ(26.7236, 19.9627, 3.9282)

Have a look what the booklet for
XYZ(26.7236, 19.9627, 3.9282)
contains.

XYZ(26.7197, 19.9506, 3.9559)	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(26.7197, 19.9506,
3.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	C26022
RGB	194, 96, 34
RGB Percent	76%, 38%, 13%
CMY	0.2392, 0.6235, 0.8667
CMYK	0.00, 0.51, 0.82, 0.24
HSL	23°, 70%, 45%
HSV	23°, 82%, 76%
XYZ	26.7197, 19.9506, 3.9559
YIQ	118.2340, 78.3100, 1.4940

Conversions

Conversions Part 2

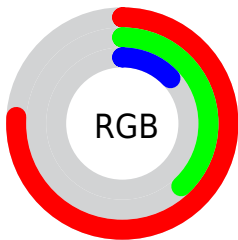
Format	Color
RYB	194, 135, 34
Decimal	12738594
CIELab	51.78, 35.38, 50.62
CIElCh	52, 61.763, 55.050
Yxy	19.9506, 0.5278, 0.3941
Android (android.graphics.Color)	4290928674 (0xFFC26022)
YUV	118.2340, -41.5274, 66.4468
Hunter-Lab	44.6661, 28.6148, 26.0152

Details

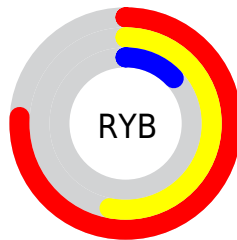
The XYZ color **26.7197, 19.9506, 3.9559** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.6477, 20.7360, 54.0580**, and the grayscale version is **17.4030, 18.3093, 19.9388**.

A 20% lighter version of the original color is **53.4301, 43.0799, 13.8867**, and **10.8085, 7.0223, 0.7858** is the 20% darker color. If you saturate the color by 10%, you get **25.5114, 17.8627, 2.5404**, and if you desaturate by 10%, it is **28.2506, 22.4316, 6.2575**.

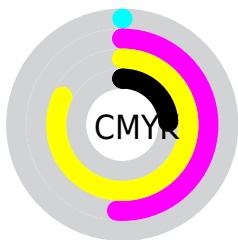
Distribution



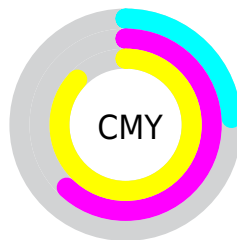
- Red (76%)
- Green (38%)
- Blue (13%)



- Red (76%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (82%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7197, 19.9506, 3.9559 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 26.7197, 19.9506, 3.9559 by changing the saturation by 10% instead.

 26.7197, 19.9506,
3.9559


 26.7197, 19.9506,
3.9559


278.4897,
251.6476, 147.7339


 17.4983, 12.3591,
1.6012


 53.8568, 43.3343,
13.9079


 10.6879, 6.9888,
0.2917


 72.5033, 59.8954,
22.3423


 5.9231, 3.4551,
0.0000

 95.0221, 80.2152,
33.6403

 2.8386, 1.3737,
0.0000

 121.7787,
104.6779, 48.2205

 1.0690, 0.1972,
0.0000

 153.1384,
133.6682, 66.5015

 0.0000, 0.0000,
0.0000

 189.4666,

167.5703, 88.9016

231.1286,
206.7686, 115.8396

26.7197, 19.9506,
3.9559

26.7197, 19.9506,
3.9559

25.5114, 17.8627,
2.5404

28.2506, 22.4316,
6.2575

24.7763, 16.5261,
1.8840

30.1328, 25.3253,
9.5690

32.3926, 28.6537,
13.9948

35.0531, 32.4357,
19.6263

38.1353, 36.6891,
26.5449

■ 41.6585, 41.4305,
34.8250

■ 45.6407, 46.6758,
44.5353

■ 50.0990, 52.4400,
55.7399

■ 55.0494, 58.7374,
68.4988

Harmonies

Analogous

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



32.0770, 19.9506, 10.1599



26.7197, 19.9506, 3.9559



20.0192, 19.9506, 2.3057

Triad

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



26.7197, 19.9506, 3.9559



9.3276, 19.9506, 18.8843



24.5236, 19.9506, 70.2480

Complementary

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



26.7197, 19.9506, 3.9559



18.6477, 20.7360, 54.0580

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.



17.9435, 19.9506, 77.2733



26.7197, 19.9506, 3.9559



10.0210, 19.9506, 39.8119

Square

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



26.7197, 19.9506, 3.9559



10.7147, 19.9506, 7.3632



12.8738, 19.9506, 63.9471



30.6261, 19.9506, 48.0295

Rectangle

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



26.7197, 19.9506, 3.9559



16.0081, 19.9506, 2.5499



12.8738, 19.9506, 63.9471



22.2596, 19.9506, 74.8458

Sweetspot

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



26.7201, 19.9517, 3.9562



73.5250, 72.4583, 58.4471



27.0306, 14.2976, 23.4048



15.5984, 15.1914, 11.6164



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.



26.7201, 19.9517, 3.9562



44.8198, 29.7810, 3.4585



37.9315, 42.3743, 7.6934



10.3861, 10.7037, 10.5805



16.3642, 11.0141, 1.2635



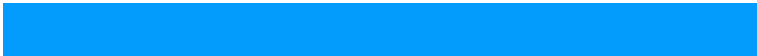
0.7740, 0.6098, 0.0769

Inverse Universe

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



18.6477, 20.7360, 54.0580



29.4942, 30.7141, 96.8437



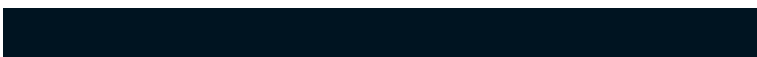
11.6553, 6.7511, 51.7272



10.0302, 10.7517, 12.8315



10.8066, 11.3698, 35.1816



0.5322, 0.6217, 1.5418

Previews

White Background



This preview shows how the XYZ color 26.7197, 19.9506, 3.9559 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 26.7197, 19.9506, 3.9559 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 26.7197, 19.9506, 3.9559

Background



This preview shows how black text looks on a background with the XYZ color 26.7197, 19.9506, 3.9559.



This preview shows how white text looks on a background with the XYZ color 26.7197, 19.9506,

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

26.7197, 19.9506, 3.9559

Protanopia

18.2554, 20.0644, 5.0085

Deuteranopia

20.3642, 20.0950, 3.7251



Tritanopia

28.7934, 20.0272, 13.4144

Trichromacy



Original Color

26.7197, 19.9506, 3.9559

Protanomaly

20.6652, 19.5455, 4.5172

Deuteranomaly

22.3631, 19.7817, 3.7382

Tritanomaly

27.7947, 19.8711, 8.6739

Monochromacy



Original Color

26.7197, 19.9506, 3.9559

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1503, 17.9510, 11.4724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7197, 19.9506, 3.9559 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(194, 96, 34)` looks like.

```
.text, #text, p{  
    color:rgb(194, 96, 34)  
}
```

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(194, 96, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 96, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.7197, 19.9506, 3.9559 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(194, 96, 34) }
```


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

```
.border{ border-color:rgb(194, 96, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 96, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 96, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 96, 34);  
box-shadow:4px 4px 4px 4px rgb(194, 96,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7197, 19.9506, 3.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 96, 34) }
```

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

```
.background{ background-color: rgb(194, 96,  
34) }
```

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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