

Converting Colors

XYZ(31.4652, 23.1452, 4.3810)

Have a look what the booklet for
XYZ(31.4652, 23.1452, 4.3810)
contains.

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Color

**XYZ(31.5354, 23.1303,
4.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	D26523
RGB	210, 101, 35
RGB Percent	82%, 40%, 14%
CMY	0.1765, 0.6039, 0.8627
CMYK	0.00, 0.52, 0.83, 0.18
HSL	23°, 71%, 48%
HSV	23°, 83%, 82%
XYZ	31.5354, 23.1303, 4.3926
YIQ	126.0670, 86.1500, 2.5820

Conversions

Conversions Part 2

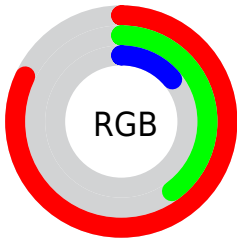
Format	Color
R_{YB}	210, 141, 35
Decimal	13788451
CIE _{Lab}	55.21, 39.22, 54.18
CIE _{LCh}	55, 66.882, 54.098
Yxy	23.1303, 0.5340, 0.3917
Android (android.graphics.Color)	4291978531 (0xFFD26523)
YUV	126.0670, -44.8960, 73.6092
Hunter-Lab	48.0940, 32.8787, 28.2506

Details

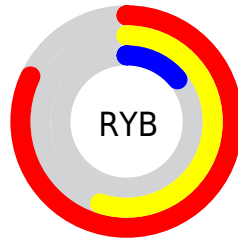
The XYZ color **31.5354, 23.1303, 4.3926** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **22.2985, 24.9555, 64.6140**, and the grayscale version is **19.9822, 21.0228, 22.8938**.

A 20% lighter version of the original color is **54.4753, 45.0431, 14.6271**, and **13.3533, 8.5771, 0.9517** is the 20% darker color. If you saturate the color by 10%, you get **30.1412, 20.7008, 2.8226**, and if you desaturate by 10%, it is **33.3191, 26.0411, 7.0120**.

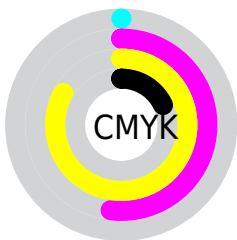
Distribution



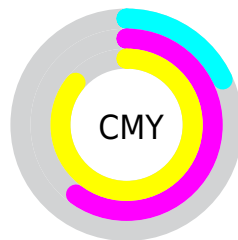
- Red (82%)
- Green (40%)
- Blue (14%)



- Red (82%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (18%)





- Cyan (18%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5354, 23.1303, 4.3926 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 31.5354, 23.1303, 4.3926 by changing the saturation by 10% instead.

 31.5354, 23.1303,
4.3926


 31.5354, 23.1303,
4.3926


300.7804,
268.3935, 152.4940


 21.1607, 14.6897,
1.8431


 61.4522, 48.6072,
14.9055


 13.3547, 8.6019,
0.4562


 81.7249, 66.4123,
23.7061


 7.7519, 4.4825,
0.0000


 106.0278, 88.1078,
35.4273

 3.9871, 1.9469,
0.0000

 134.7260,
114.0779, 50.4879

 1.6948, 0.5764,
0.0000

 168.1851,
144.7072, 69.3063

 0.4530, 0.0000,
0.0000

 206.7702,

 0.0000, 0.0000,

180.3799, 92.3011

0.0000

250.8469,
221.4806, 119.8908

■ 31.5354, 23.1303,
4.3926

■ 31.5354, 23.1303,
4.3926

■ 30.1412, 20.7008,
2.8226

■ 33.3191, 26.0411,
7.0120

■ 29.3891, 19.3233,
2.1808

■ 35.5285, 29.4589,
10.8351

■ 38.1967, 33.4112,
15.9916

■ 41.3524, 37.9221,
22.5936

■ 45.0216, 43.0143,
30.7414

■ 49.2283, 48.7088,
40.5262

■ 53.9951, 55.0255,
52.0321

■ 59.3429, 61.9834,
65.3373

■ 65.2916, 69.6007,
80.5153

Harmonies

Analogous

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



37.8871, 23.1303, 11.8402



31.5354, 23.1303, 4.3926



23.4960, 23.1303, 2.4213

Triad

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



31.5354, 23.1303, 4.3926



10.5636, 23.1303, 21.1850



28.3903, 23.1303, 84.5415

Complementary

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



31.5354, 23.1303, 4.3926



22.2985, 24.9555, 64.6140

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.



20.5396, 23.1303, 92.3215



31.5354, 23.1303, 4.3926



11.3017, 23.1303, 46.0058

Square

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



31.5354, 23.1303, 4.3926



12.2770, 23.1303, 7.9378



14.5878, 23.1303, 75.4028



35.8022, 23.1303, 57.8538

Rectangle

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



31.5354, 23.1303, 4.3926



18.6665, 23.1303, 2.6420



14.5878, 23.1303, 75.4028



25.6745, 23.1303, 89.9143

Sweetspot

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



31.5359, 23.1316, 4.3930



75.0471, 73.7838, 59.7209



32.3547, 16.9739, 28.6974



15.5586, 15.1117, 11.6032



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.



31.5359, 23.1316, 4.3930



45.4393, 29.6585, 3.3298



44.5812, 49.2222, 8.7414



12.1689, 12.5285, 12.3889



18.0165, 11.9660, 1.3601



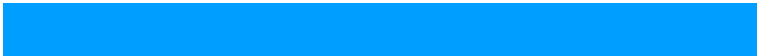
1.0829, 0.8200, 0.1012

Inverse Universe

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



22.2985, 24.9555, 64.6140



30.4173, 31.9546, 99.1724



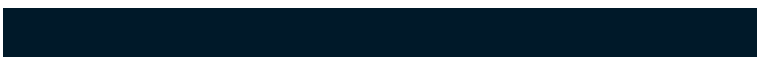
13.8560, 8.0705, 61.7999



11.7681, 12.6266, 15.0606



12.1293, 12.9052, 39.0442



0.7532, 0.8717, 2.2081

Previews

White Background



This preview shows how the XYZ color 31.5354, 23.1303, 4.3926 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 31.5354, 23.1303, 4.3926 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 31.5354, 23.1303, 4.3926

Background



This preview shows how black text looks on a background with the XYZ color 31.5354, 23.1303, 4.3926.



This preview shows how white text looks on a background with the XYZ color 31.5354, 23.1303,

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

31.5354, 23.1303, 4.3926

Protanopia

21.2180, 23.3390, 5.6721

Deuteranopia

23.5621, 23.2031, 4.1010



Tritanopia

33.8817, 23.2701, 15.0177

Trichromacy



Original Color

31.5354, 23.1303, 4.3926

Protanomaly

24.0150, 22.4859, 5.0820

Deuteranomaly

26.0993, 22.8737, 4.1381

Tritanomaly

32.7656, 23.0823, 9.7496

Monochromacy



Original Color

31.5354, 23.1303, 4.3926

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.2417, 20.6810, 13.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5354, 23.1303, 4.3926 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(210, 101, 35)` looks like.

```
.text, #text, p{  
    color:rgb(210, 101, 35)  
}
```

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(210, 101, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 101, 35) }
```

Border

The CSS property to change the border of an element to XYZ 31.5354, 23.1303, 4.3926 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(210, 101, 35) }
```


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

```
.border{ border-color:rgb(210, 101, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 101, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 101, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 101, 35);  
box-shadow:4px 4px 4px 4px rgb(210, 101,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5354, 23.1303, 4.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 101, 35) }
```

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

```
.background{ background-color: rgb(210,  
101, 35) }
```

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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