

Converting Colors

XYZ(24.1330, 15.6188, 1.7428)

Have a look what the booklet for
XYZ(24.1330, 15.6188, 1.7428)
contains.

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Color

**XYZ(24.1204, 15.5937,
1.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	C14500
RGB	193, 69, 0
RGB Percent	76%, 27%, 0%
CMY	0.2431, 0.7294, 1.0000
CMYK	0.00, 0.64, 1.00, 0.24
HSL	21°, 100%, 38%
HSV	21°, 100%, 76%
XYZ	24.1204, 15.5937, 1.7386
YIQ	98.2100, 96.0530, 4.8290

Conversions

Conversions Part 2

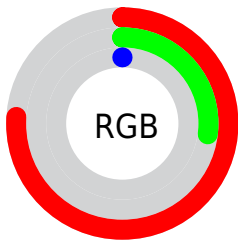
Format	Color
R_{YB}	193, 107, 0
Decimal	12666112
CIE Lab	46.44, 47.43, 57.29
CIE LCh	46, 74.375, 50.376
Yxy	15.5937, 0.5819, 0.3762
Android (android.graphics.Color)	4290856192 (0xFFC14500)
YUV	98.2100, -48.4175, 83.1308
Hunter-Lab	39.4889, 39.9250, 25.0318

Details

The XYZ color **24.1204, 15.5937, 1.7386** 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 **16.8324, 18.2640, 53.0897**, and the grayscale version is **11.7628, 12.3754, 13.4768**.

A 20% lighter version of the original color is **48.9633, 35.4846, 8.2715**, and **9.4252, 4.9555, 0.4598** is the 20% darker color. If you saturate the color by 10%, you get **24.1206, 15.5944, 1.7387**, and if you desaturate by 10%, it is **25.0850, 17.3310, 2.6528**.

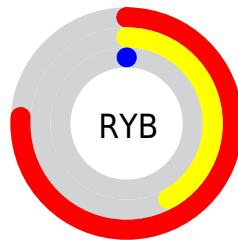
Distribution



Red (76%)

Green (27%)

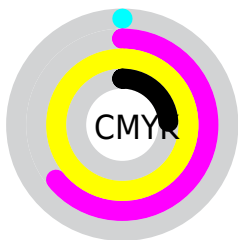
Blue (0%)



Red (76%)

Yellow (42%)

Blue (0%)

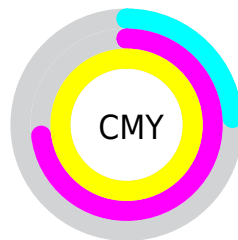


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1204, 15.5937, 1.7386 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 24.1204, 15.5937, 1.7386 by changing the saturation by 10% instead.


 24.1204, 15.5937,
1.7386


 24.1204, 15.5937,
1.7386


 265.8578,
226.9321, 118.1759


 15.5482, 9.2371,
0.3870


 49.6798, 35.8914,
8.3130

 9.2938, 4.8962,
0.0000


 67.3978, 50.6013,
14.4804

 4.9920, 2.1865,
0.0000

 88.8950, 68.8644,
23.1260

 2.2773, 0.7126,
0.0000

 114.5369, 91.0651,
34.6683


 0.7830, 0.0000,
0.0000


 144.6887,
117.5879, 49.5260


 0.0000, 0.0000,
0.0000


 179.7159,


148.8170, 68.1174


 219.9838,
185.1370, 90.8612


 24.1204, 15.5937,
1.7386

 24.1204, 15.5937,
1.7386

 24.1206, 15.5944,
1.7387

 25.0850, 17.3310,
2.6528

 26.3373, 19.4523,
4.2517

 27.9286, 21.9924,
6.7630

 29.8888, 24.9759,
10.3043

 32.2435, 28.4250,
14.9752

■ 35.0162, 32.3601,
20.8634

■ 38.2279, 36.8004,
28.0478

■ 41.8984, 41.7639,
36.6008

■ 46.0461, 47.2677,
46.5890

Harmonies

Analogous

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



29.5825, 15.5937, 7.4370



24.1204, 15.5937, 1.7386



16.9721, 15.5937, 0.4709

Triad

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



24.1204, 15.5937, 1.7386



5.7074, 15.5937, 11.7487



19.5246, 15.5937, 75.9485

Complementary

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



24.1204, 15.5937, 1.7386



16.8324, 18.2640, 53.0897

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.



12.8604, 15.5937, 80.6767



24.1204, 15.5937, 1.7386



6.0287, 15.5937, 32.4158

Square

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



24.1204, 15.5937, 1.7386



7.2283, 15.5937, 2.9719



8.2847, 15.5937, 61.0692



26.4438, 15.5937, 50.7643

Rectangle

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



24.1204, 15.5937, 1.7386



12.7165, 15.5937, 0.4827



8.2847, 15.5937, 61.0692



17.1464, 15.5937, 80.4503

Sweetspot

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



24.1207, 15.5946, 1.7388



68.1780, 65.5149, 49.5737



25.7226, 12.8296, 20.6739



14.0845, 13.3100, 9.4100



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1207, 15.5946, 1.7388



42.9902, 27.5089, 3.0439



35.2764, 37.9060, 5.4574



10.3613, 10.6541, 10.5722



16.1125, 10.5107, 1.1795



0.7617, 0.5852, 0.0728

Inverse Universe

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



16.8324, 18.2640, 53.0897



29.9058, 32.2282, 95.0047



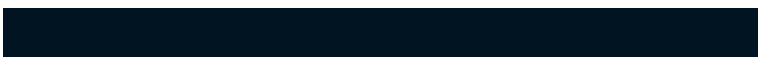
10.0638, 4.7266, 50.8334



10.0558, 10.8029, 12.8400



11.2733, 12.3032, 35.3372



0.5503, 0.6580, 1.5479

Previews

White Background



This preview shows how the XYZ color 24.1204, 15.5937, 1.7386 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1204, 15.5937, 1.7386

Background



This preview shows how black text looks on a background with the XYZ color 24.1204, 15.5937, 1.7386.



This preview shows how white text looks on a background with the XYZ color 24.1204, 15.5937,

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

24.1204, 15.5937, 1.7386

Protanopia

14.2682, 15.7794, 2.9555

Tritanopia

25.1249, 15.5535, 7.1467

Trichromacy



Original Color

24.1204, 15.5937, 1.7386

Protanomaly

16.8332, 14.8788, 2.3655

Tritanomaly

24.6324, 15.5402, 3.9868

Monochromacy



Original Color

24.1204, 15.5937, 1.7386

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.9506, 12.1507, 6.1675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1204, 15.5937, 1.7386 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(193, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 69, 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(193, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 69, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.1204, 15.5937, 1.7386 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(193, 69, 0) }
```

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

```
.border{ border-color:rgb(193, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 69, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 24.1204, 15.5937, 1.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 69, 0) }
```

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

```
.background{ background-color: rgb(193, 69,  
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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