

Converting Colors

XYZ(24.0010, 25.4205, 4.1641)

Have a look what the booklet for
XYZ(24.0010, 25.4205, 4.1641)
contains.

XYZ(24.0096, 25.4353, 4.1744)	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(24.0096, 25.4353,
4.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	A38811
RGB	163, 136, 17
RGB Percent	64%, 53%, 7%
CMY	0.3608, 0.4666, 0.9333
CMYK	0.00, 0.17, 0.90, 0.36
HSL	49°, 81%, 35%
HSV	49°, 90%, 64%
XYZ	24.0096, 25.4353, 4.1744
YIQ	130.5070, 54.2910, -31.2850

Conversions

Conversions Part 2

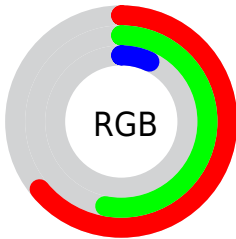
Format	Color
R_{YB}	50, 163, 17
Decimal	10717201
CIE _{Lab}	57.50, -0.73, 59.28
CIE _{LCh}	57, 59.285, 90.702
Yxy	25.4353, 0.4478, 0.4744
Android (android.graphics.Color)	4288907281 (0xFFA38811)
YUV	130.5070, -55.9590, 28.4964
Hunter-Lab	50.4334, -3.2808, 30.3959

Details

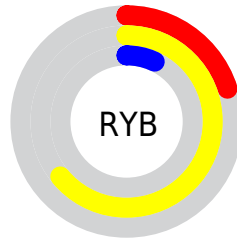
The XYZ color **24.0096, 25.4353, 4.1744** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.7429, 4.5651, 35.1232**, and the grayscale version is **21.5779, 22.7016, 24.7220**.

A 20% lighter version of the original color is **49.6263, 52.4466, 14.3451**, and **9.4716, 9.9422, 1.4198** is the 20% darker color. If you saturate the color by 10%, you get **23.4942, 24.5605, 3.5227**, and if you desaturate by 10%, it is **24.6183, 26.3686, 5.2537**.

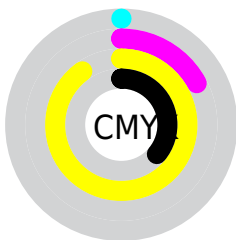
Distribution



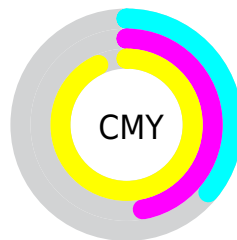
- Red (64%)
- Green (53%)
- Blue (7%)



- Red (20%)
- Yellow (64%)
- Blue (7%)



- Cyan (0%)
- Magenta (17%)
- Yellow (90%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0096, 25.4353, 4.1744 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 24.0096, 25.4353, 4.1744 by changing the saturation by 10% instead.

■ 24.0096, 25.4353,
4.1744

■ 24.0096, 25.4353,
4.1744

265.3086,
279.9989, 150.1445

■ 15.4655, 16.4017,
1.7215

■ 49.5004, 52.3625,
14.4100

■ 9.2352, 9.8088,
0.3754

■ 67.1779, 71.0249,
23.0298

■ 4.9532, 5.2724,
0.0000

■ 88.6305, 93.6657,
34.5423

■ 2.2543, 2.4080,
0.0000

■ 114.2236,
120.6692, 49.3661

■ 0.7711, 0.8300,
0.0000

■ 144.3227,
152.4199, 67.9197

■ 0.0000, 0.0000,
0.0000

■ 179.2929,

189.3021, 90.6216

219.4998,
231.7003, 117.8903

24.0096, 25.4353,
4.1744

24.0096, 25.4353,
4.1744

23.4942, 24.5605,
3.5227

24.6183, 26.3686,
5.2537

23.4725, 24.5231,
3.4963

25.3493, 27.3690,
6.9201

26.2173, 28.4437,
9.2484

27.2344, 29.5976,
12.3016

28.4114, 30.8351,
16.1356

■ 29.7578, 32.1602,
20.8008

■ 31.2825, 33.5767,
26.3431

■ 32.9936, 35.0879,
32.8053

■ 34.8989, 36.6970,
40.2274

Harmonies

Analogous

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



31.4440, 25.4353, 5.7459



24.0096, 25.4353, 4.1744



17.8868, 25.4353, 5.9144

Triad

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



24.0096, 25.4353, 4.1744



14.2825, 25.4353, 52.6591



38.0487, 25.4353, 51.4033

Complementary

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



24.0096, 25.4353, 4.1744



7.7429, 4.5651, 35.1232

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.



31.7884, 25.4353, 76.3647



24.0096, 25.4353, 4.1744



18.1234, 25.4353, 77.3049

Square

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



24.0096, 25.4353, 4.1744



12.9852, 25.4353, 28.1736



24.3421, 25.4353, 87.5805



40.4449, 25.4353, 27.2213

Rectangle

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



24.0096, 25.4353, 4.1744



15.1199, 25.4353, 9.6502



24.3421, 25.4353, 87.5805



36.2732, 25.4353, 60.3290

Sweetspot

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



24.0102, 25.4365, 4.1749



53.8315, 58.1072, 39.1712



15.8019, 8.3865, 3.3920



11.9030, 12.8721, 8.1307



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.0102, 25.4365, 4.1749



41.9012, 43.6462, 6.2161



20.8338, 30.1709, 5.2561



7.5376, 8.0135, 7.5296



18.2732, 19.1203, 2.7275



0.4112, 0.4562, 0.0664

Inverse Universe

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



7.7429, 4.5651, 35.1232



12.5695, 6.1958, 62.5895



8.7239, 4.0314, 34.9684



6.8015, 7.0621, 8.9077



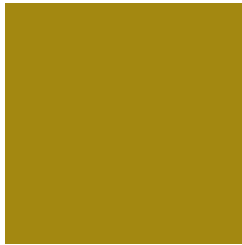
5.5270, 2.8334, 27.1854



0.1438, 0.1148, 0.5804

Previews

White Background



This preview shows how the XYZ color 24.0096, 25.4353, 4.1744 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 24.0096, 25.4353, 4.1744 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 24.0096, 25.4353, 4.1744

Background



This preview shows how black text looks on a background with the XYZ color 24.0096, 25.4353, 4.1744.



This preview shows how white text looks on a background with the XYZ color 24.0096, 25.4353,

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

24.0096, 25.4353, 4.1744

Protanopia

23.0521, 25.5768, 4.2941

Deuteranopia

25.9309, 25.4007, 4.2456



Tritanopia

28.4824, 25.2453, 26.6642

Trichromacy



Original Color

24.0096, 25.4353, 4.1744

Protanomaly

23.4957, 25.5916, 4.2736

Deuteranomaly

25.3084, 25.4835, 4.2467

Tritanomaly

25.8948, 24.9711, 13.8110

Monochromacy



Original Color

24.0096, 25.4353, 4.1744

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5607, 23.3529, 13.0440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0096, 25.4353, 4.1744 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(163, 136, 17)` looks like.

```
.text, #text, p{  
    color:rgb(163, 136, 17)  
}
```

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(163, 136, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 136, 17) }
```

Border

The CSS property to change the border of an element to XYZ 24.0096, 25.4353, 4.1744 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(163, 136, 17) }
```


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

```
.border{ border-color:rgb(163, 136, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 136, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 136, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 136, 17);  
box-shadow:4px 4px 4px 4px rgb(163, 136,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0096, 25.4353, 4.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 136, 17) }
```

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

```
.background{ background-color: rgb(163,  
136, 17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor