

Converting Colors

XYZ(25.0829, 20.3791, 3.2410)

Have a look what the booklet for
XYZ(25.0829, 20.3791, 3.2410)
contains.

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Color

**XYZ(25.1767, 20.4645,
3.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	B96913
RGB	185, 105, 19
RGB Percent	73%, 41%, 7%
CMY	0.2745, 0.5882, 0.9255
CMYK	0.00, 0.43, 0.90, 0.27
HSL	31°, 81%, 40%
HSV	31°, 90%, 73%
XYZ	25.1767, 20.4645, 3.2392
YIQ	119.1160, 75.2860, -9.7860

Conversions

Conversions Part 2

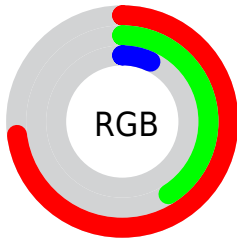
Format	Color
R_{YB}	173, 185, 19
Decimal	12151059
CIE _{Lab}	52.36, 26.46, 55.89
CIE _{LCh}	52, 61.837, 64.662
Y _{xy}	20.4645, 0.5151, 0.4187
Android (android.graphics.Color)	4290341139 (0xFFB96913)
YUV	119.1160, -49.3572, 57.7803
Hunter-Lab	45.2377, 20.1768, 27.4210

Details

The XYZ color **25.1767, 20.4645, 3.2392** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.4871, 12.5645, 47.6128**, and the grayscale version is **17.7069, 18.6290, 20.2870**.

A 20% lighter version of the original color is **51.2990, 44.2012, 12.3065**, and **10.0673, 7.3619, 0.8904** is the 20% darker color. If you saturate the color by 10%, you get **24.2013, 18.6976, 2.3479**, and if you desaturate by 10%, it is **26.3577, 22.4678, 4.7396**.

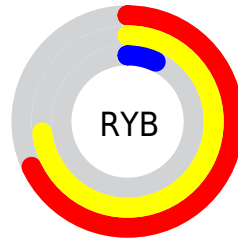
Distribution



Red (73%)

Green (41%)

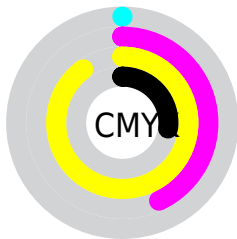
Blue (7%)



Red (68%)

Yellow (73%)

Blue (7%)

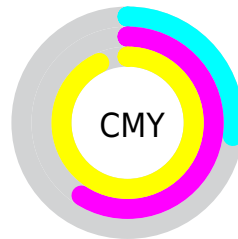


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1767, 20.4645, 3.2392 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 25.1767, 20.4645, 3.2392 by changing the saturation by 10% instead.

■ 25.1767, 20.4645,
3.2392

■ 25.1767, 20.4645,
3.2392

271.0482,
254.4187, 139.3512

■ 16.3382, 12.7331,
1.2180

■ 51.3846, 44.1946,
12.2132

■ 9.8561, 7.2450,
0.0000

■ 69.4846, 60.9621,
20.0031

■ 5.3652, 3.6158,
0.0000

■ 91.4026, 81.5105,
30.5530

■ 2.5000, 1.4611,
0.0000

■ 117.5038,
106.2241, 44.2814

■ 0.8953, 0.2611,
0.0000

■ 148.1536,
135.4873, 61.6069

■ 0.0000, 0.0000,
0.0000

■ 183.7174,

169.6846, 82.9480

224.5605,
209.2002, 108.7232

25.1767, 20.4645,
3.2392

25.1767, 20.4645,
3.2392

24.2013, 18.6976,
2.3479

26.3577, 22.4678,
4.7396

24.1764, 18.6522,
2.3260

27.7840, 24.7251,
7.0500

29.4781, 27.2506,
10.2742

31.4591, 30.0561,
14.5002

33.7442, 33.1525,
19.8054

■ 36.3487, 36.5496,
26.2595

■ 39.2870, 40.2569,
33.9263

■ 42.5724, 44.2835,
42.8648

■ 46.2173, 48.6377,
53.1303

Harmonies

Analogous

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



31.3627, 20.4645, 7.6956



25.1767, 20.4645, 3.2392



18.4725, 20.4645, 2.4193

Triad

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



25.1767, 20.4645, 3.2392



9.6202, 20.4645, 25.2560



27.2801, 20.4645, 65.3709

Complementary

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



25.1767, 20.4645, 3.2392



13.4871, 12.5645, 47.6128

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.



20.4632, 20.4645, 78.7054



25.1767, 20.4645, 3.2392



11.0167, 20.4645, 48.7732

Square

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



25.1767, 20.4645, 3.2392



10.3493, 20.4645, 10.3906



14.6665, 20.4645, 71.3880



32.7512, 20.4645, 40.9147

Rectangle

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



25.1767, 20.4645, 3.2392



14.7754, 20.4645, 3.1910



14.6665, 20.4645, 71.3880



25.0213, 20.4645, 71.7692

Sweetspot

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



25.1772, 20.4656, 3.2396



66.2503, 66.9289, 49.9745



22.5037, 11.6854, 12.9329



13.9184, 13.9629, 9.8444



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.1772, 20.4656, 3.2396



43.0647, 32.9353, 4.0874



36.8128, 44.7180, 7.3075



9.3791, 9.7612, 9.4967



16.5354, 12.8472, 1.6083



0.6446, 0.5762, 0.0772

Inverse Universe

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



13.4871, 12.5645, 47.6128



21.8729, 18.6520, 84.6520



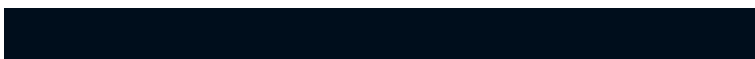
9.3157, 4.1366, 46.2059



8.8686, 9.4145, 11.4292



8.4761, 7.4118, 32.2370



0.3608, 0.3853, 1.1571

Previews

White Background



This preview shows how the XYZ color 25.1767, 20.4645, 3.2392 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 25.1767, 20.4645, 3.2392 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 25.1767, 20.4645, 3.2392

Background



This preview shows how black text looks on a background with the XYZ color 25.1767, 20.4645, 3.2392.



This preview shows how white text looks on a background with the XYZ color 25.1767, 20.4645,

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

25.1767, 20.4645, 3.2392

Protanopia

18.6208, 20.6546, 3.9250

Deuteranopia

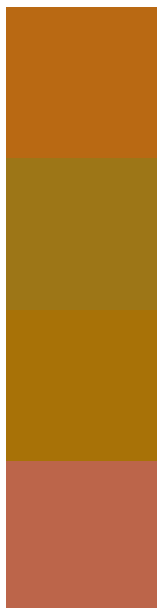
20.8949, 20.5646, 2.8681



Tritanopia

27.9038, 20.5741, 15.8651

Trichromacy



Original Color

25.1767, 20.4645, 3.2392

Protanomaly

20.5377, 20.1868, 3.6246

Deuteranomaly

22.2041, 20.3748, 2.9635

Tritanomaly

26.6287, 20.4931, 9.0306

Monochromacy



Original Color

25.1767, 20.4645, 3.2392

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.9063, 18.4988, 10.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1767, 20.4645, 3.2392 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(185, 105, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 105, 19)  
}
```

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(185, 105, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 105, 19) }
```

Border

The CSS property to change the border of an element to XYZ 25.1767, 20.4645, 3.2392 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(185, 105, 19) }
```


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

```
.border{ border-color:rgb(185, 105, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 105, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 105, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 105, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 105,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1767, 20.4645, 3.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 105, 19) }
```

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

```
.background{ background-color: rgb(185,  
105, 19) }
```

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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