

Converting Colors

XYZ(25.1269, 22.5157, 4.0451)

Have a look what the booklet for
XYZ(25.1269, 22.5157, 4.0451)
contains.

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Color

**XYZ(25.0364, 22.5010,
4.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	B2761B
RGB	178, 118, 27
RGB Percent	70%, 46%, 11%
CMY	0.3020, 0.5372, 0.8941
CMYK	0.00, 0.34, 0.85, 0.30
HSL	36°, 74%, 40%
HSV	36°, 85%, 70%
XYZ	25.0364, 22.5010, 4.0605
YIQ	125.5660, 64.9710, -15.5810

Conversions

Conversions Part 2

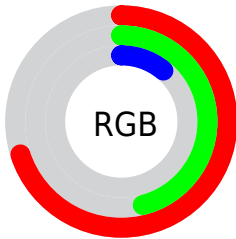
Format	Color
R_{YB}	127, 178, 27
Decimal	11695643
CIE _{Lab}	54.55, 16.40, 54.83
CIE _{LCh}	55, 57.227, 73.347
Yxy	22.5010, 0.4852, 0.4361
Android (android.graphics.Color)	4289885723 (0xFFB2761B)
YUV	125.5660, -48.5930, 45.9846
Hunter-Lab	47.4352, 11.2010, 28.1294

Details

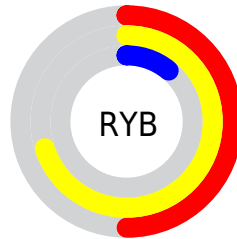
The XYZ color **25.0364, 22.5010, 4.0605** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.8960, 10.2635, 43.4733**, and the grayscale version is **19.8287, 20.8613, 22.7180**.

A 20% lighter version of the original color is **51.0826, 47.5058, 14.0666**, and **9.9359, 8.3734, 1.0925** is the 20% darker color. If you saturate the color by 10%, you get **24.0875, 20.8393, 3.0171**, and if you desaturate by 10%, it is **26.1733, 24.3397, 5.7814**.

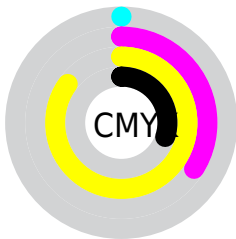
Distribution



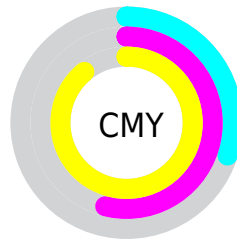
- Red (70%)
- Green (46%)
- Blue (11%)



- Red (50%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (34%)
- Yellow (85%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0364, 22.5010, 4.0605 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 25.0364, 22.5010, 4.0605 by changing the saturation by 10% instead.


 25.0364, 22.5010,
4.0605


 25.0364, 22.5010,
4.0605


270.3635,
265.1516, 148.8955


 16.2331, 14.2255,
1.6586


 51.1587, 47.5727,
14.1491


 9.7811, 8.2777,
0.3321


 69.2084, 65.1376,
22.6728


 5.3152, 4.2731,
0.0000

 91.0710, 86.5678,
34.0742

 2.4700, 1.8275,
0.0000

 117.1117,
112.2477, 48.7718

 0.8802, 0.5042,
0.0000

 147.6959,
142.5616, 67.1842

 0.0000, 0.0000,
0.0000

 183.1891,

177.8939, 89.7300

223.9565,
218.6291, 116.8275

25.0364, 22.5010,
4.0605

25.0364, 22.5010,
4.0605

24.0875, 20.8393,
3.0171

26.1733, 24.3397,
5.7814

23.6465, 20.0379,
2.6214

27.5178, 26.3626,
8.2830

29.0878, 28.5798,
11.6513

30.8986, 30.9994,
15.9608

32.9640, 33.6288,
21.2778

■ 35.2965, 36.4749,
27.6626

■ 37.9077, 39.5443,
35.1708

■ 40.8086, 42.8430,
43.8538

■ 44.0092, 46.3769,
53.7602

Harmonies

Analogous

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



31.4226, 22.5010, 7.6049



25.0364, 22.5010, 4.0605



18.7188, 22.5010, 3.9067

Triad

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



25.0364, 22.5010, 4.0605



11.6589, 22.5010, 33.3797



30.7902, 22.5010, 59.2276

Complementary

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



25.0364, 22.5010, 4.0605



11.8960, 10.2635, 43.4733

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.



24.2964, 22.5010, 75.8916



25.0364, 22.5010, 4.0605



13.7534, 22.5010, 56.7225

Square

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



25.0364, 22.5010, 4.0605



11.7797, 22.5010, 15.8666



18.1098, 22.5010, 74.7995



35.1639, 22.5010, 35.8047

Rectangle

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



25.0364, 22.5010, 4.0605



15.4127, 22.5010, 5.4798



18.1098, 22.5010, 74.7995



28.7334, 22.5010, 66.2216

Sweetspot

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



25.0369, 22.5022, 4.0609



63.7391, 65.8226, 49.4092



20.4888, 10.9437, 10.1357



13.7856, 14.1775, 10.0146



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0369, 22.5022, 4.0609



42.6512, 35.8767, 4.6769



31.2020, 39.6957, 7.0547



8.9081, 9.3286, 8.9836



16.9822, 14.4629, 1.8966



0.5894, 0.5652, 0.0780

Inverse Universe

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



11.8960, 10.2635, 43.4733



18.4170, 13.5179, 78.0197



9.3870, 4.4928, 42.4917



8.3098, 8.7658, 10.7603



7.4074, 5.6151, 30.8304



0.2909, 0.2923, 0.9893

Previews

White Background



This preview shows how the XYZ color 25.0364, 22.5010, 4.0605 looks on a white background.

Color Contrast Check

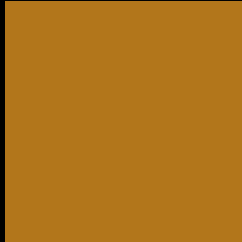
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0364, 22.5010, 4.0605 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 25.0364, 22.5010, 4.0605

Background



This preview shows how black text looks on a background with the XYZ color 25.0364, 22.5010, 4.0605.



This preview shows how white text looks on a background with the XYZ color 25.0364, 22.5010,

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

25.0364, 22.5010, 4.0605

Protanopia

20.3833, 22.5294, 4.5026

Deuteranopia

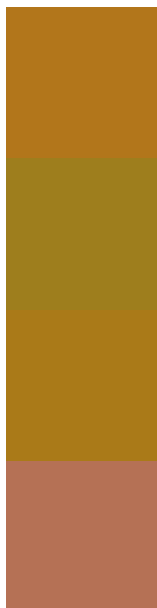
22.8794, 22.4765, 3.9431



Tritanopia

28.3744, 22.5271, 19.9922

Trichromacy



Original Color

25.0364, 22.5010, 4.0605

Protanomaly

21.7832, 22.2795, 4.3147

Deuteranomaly

23.7020, 22.5311, 3.9639

Tritanomaly

26.6009, 22.2899, 11.4947

Monochromacy



Original Color

25.0364, 22.5010, 4.0605

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6055, 20.9238, 12.6255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0364, 22.5010, 4.0605 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(178, 118, 27)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 27)  
}
```

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(178, 118, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 27) }
```

Border

The CSS property to change the border of an element to XYZ 25.0364, 22.5010, 4.0605 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(178, 118, 27) }
```


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

```
.border{ border-color:rgb(178, 118, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 27);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0364, 22.5010, 4.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 27) }
```

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

```
.background{ background-color: rgb(178,  
118, 27) }
```

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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