

Converting Colors

XYZ(24.5927, 26.2460, 3.1347)

Have a look what the booklet for
XYZ(24.5927, 26.2460, 3.1347)
contains.

XYZ(24.6055, 26.1763, 3.7557)	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(24.6055, 26.1763,
3.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	A58A00
RGB	165, 138, 0
RGB Percent	65%, 54%, 0%
CMY	0.3529, 0.4588, 1.0000
CMYK	0.00, 0.16, 1.00, 0.35
HSL	50°, 100%, 32%
HSV	50°, 100%, 65%
XYZ	24.6055, 26.1763, 3.7557
YIQ	130.3410, 60.3900, -37.1940

Conversions

Conversions Part 2

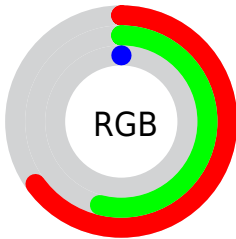
Format	Color
RYB	32, 165, 0
Decimal	10848768
CIELab	58.20, -1.18, 62.83
CIELCh	58, 62.845, 91.076
Yxy	26.1763, 0.4512, 0.4800
Android (android.graphics.Color)	4289038848 (0xFFA58A00)
YUV	130.3410, -64.2581, 30.3959
Hunter-Lab	51.1628, -3.6896, 31.4617

Details

The XYZ color **24.6055, 26.1763, 3.7557** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.1837, 3.5008, 35.8940**, and the grayscale version is **21.5459, 22.6680, 24.6854**.

A 20% lighter version of the original color is **50.4768, 53.5511, 13.4703**, and **9.8791, 10.3960, 1.4859** is the 20% darker color. If you saturate the color by 10%, you get **24.6058, 26.1770, 3.7558**, and if you desaturate by 10%, it is **25.0956, 27.0009, 4.3995**.

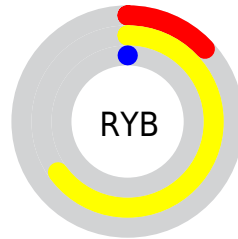
Distribution



Red (65%)

Green (54%)

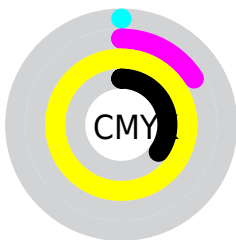
Blue (0%)



Red (13%)

Yellow (65%)

Blue (0%)

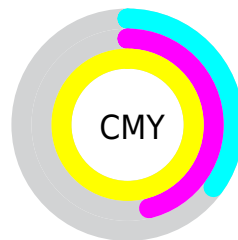


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6055, 26.1763, 3.7557 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 24.6055, 26.1763, 3.7557 by changing the saturation by 10% instead.

■ 24.6055, 26.1763,
3.7557

■ 24.6055, 26.1763,
3.7557

268.2516,
283.6465, 145.4700

■ 15.9105, 16.9556,
1.4923

■ 50.4640, 53.5592,
13.4423

■ 9.5513, 10.2028,
0.2122

■ 68.3583, 72.4902,
21.7026

■ 5.1625, 5.5336,
0.0000

■ 90.0497, 95.4268,
32.7989

■ 2.3786, 2.5636,
0.0000

■ 115.9037,
122.7532, 47.1498

■ 0.8345, 0.9084,
0.0000

■ 146.2855,
154.8540, 65.1738

■ 0.0000, 0.0000,
0.0000

■ 181.5605,

192.1136, 87.2895

222.0941,
234.9163, 113.9154

24.6055, 26.1763,
3.7557

24.6055, 26.1763,
3.7557

24.6058, 26.1770,
3.7558

25.0956, 27.0009,
4.3995

25.6748, 27.8755,
5.4670

26.3770, 28.8150,
7.1342

27.2169, 29.8254,
9.4783

28.2071, 30.9117,
12.5648

■ 29.3586, 32.0784,
16.4514

■ 30.6813, 33.3297,
21.1903

■ 32.1843, 34.6692,
26.8291

■ 33.8761, 36.1005,
33.4118

Harmonies

Analogous

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



32.6683, 26.1763, 5.2799



24.6055, 26.1763, 3.7557



18.0516, 26.1763, 5.5403

Triad

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



24.6055, 26.1763, 3.7557



14.3142, 26.1763, 56.1427



40.0501, 26.1763, 54.0240

Complementary

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



24.6055, 26.1763, 3.7557



7.1837, 3.5008, 35.8940

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.



33.2434, 26.1763, 81.7323



24.6055, 26.1763, 3.7557



18.4394, 26.1763, 83.3341

Square

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



24.6055, 26.1763, 3.7557



12.9087, 26.1763, 29.2973



25.1561, 26.1763, 94.4962



42.6120, 26.1763, 27.7203

Rectangle

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



24.6055, 26.1763, 3.7557



15.1255, 26.1763, 9.4190



25.1561, 26.1763, 94.4962



38.1222, 26.1763, 63.8730

Sweetspot

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



24.6061, 26.1776, 3.7562



54.8085, 59.5630, 37.4369



15.7208, 8.0810, 1.7993



11.7690, 12.8230, 7.4111



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.



24.6061, 26.1776, 3.7562



43.9409, 46.6281, 6.6842



19.8858, 30.2252, 4.7863



7.5503, 8.0390, 7.5338



18.6455, 19.8650, 2.8516



0.4165, 0.4668, 0.0682

Inverse Universe

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



7.1837, 3.5008, 35.8940



12.7656, 6.0701, 64.2511



8.3675, 3.5292, 35.8371



6.7898, 7.0385, 8.9038



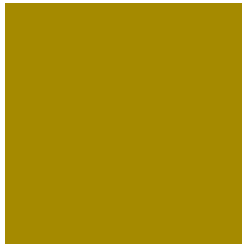
5.4600, 2.6994, 27.1630



0.1397, 0.1066, 0.5791

Previews

White Background



This preview shows how the XYZ color 24.6055, 26.1763, 3.7557 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 24.6055, 26.1763, 3.7557 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 24.6055, 26.1763, 3.7557

Background



This preview shows how black text looks on a background with the XYZ color 24.6055, 26.1763, 3.7557.

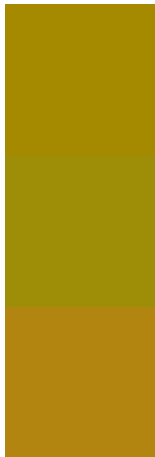


This preview shows how white text looks on a background with the XYZ color 24.6055, 26.1763,

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

24.6055, 26.1763, 3.7557

Protanopia

23.6583, 26.3320, 4.0080

Deuteranopia

26.6052, 26.1567, 4.0984



Tritanopia

29.3199, 26.0440, 27.5264

Trichromacy



Original Color

24.6055, 26.1763, 3.7557

Protanomaly

24.0979, 26.3420, 3.9293

Deuteranomaly

25.9523, 26.2341, 3.9830

Tritanomaly

26.3749, 25.6421, 12.7918

Monochromacy



Original Color

24.6055, 26.1763, 3.7557

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2766, 23.2392, 11.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6055, 26.1763, 3.7557 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(165, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 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(165, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.6055, 26.1763, 3.7557 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(165, 138, 0) }
```


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

```
.border{ border-color:rgb(165, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6055, 26.1763, 3.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 0) }
```

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

```
.background{ background-color: rgb(165,  
138, 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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