

Converting Colors

XYZ(24.6073, 26.3509, 5.2357)

Have a look what the booklet for
XYZ(24.6073, 26.3509, 5.2357)
contains.

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Color

**XYZ(24.6114, 26.3616,
5.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	A38B21
RGB	163, 139, 33
RGB Percent	64%, 55%, 13%
CMY	0.3608, 0.4549, 0.8706
CMYK	0.00, 0.15, 0.80, 0.36
HSL	49°, 66%, 38%
HSV	49°, 80%, 64%
XYZ	24.6114, 26.3616, 5.2300
YIQ	134.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

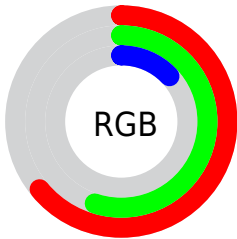
Format	Color
R_{YB}	62, 163, 33
Decimal	10717985
CIE Lab	58.38, -1.91, 55.54
CIE LCh	58, 55.570, 91.967
Yxy	26.3616, 0.4379, 0.4690
Android (android.graphics.Color)	4288908065 (0xFFA38B21)
YUV	134.0920, -49.8384, 25.3523
Hunter-Lab	51.3435, -4.2877, 29.9010

Details

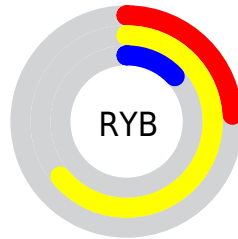
The XYZ color **24.6114, 26.3616, 5.2300** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.7012, 5.8939, 35.3291**, and the grayscale version is **22.8597, 24.0502, 26.1907**.

A 20% lighter version of the original color is **50.3887, 53.7595, 16.7377**, and **9.6358, 10.2706, 1.4746** is the 20% darker color. If you saturate the color by 10%, you get **24.0066, 25.4332, 4.1621**, and if you desaturate by 10%, it is **25.3399, 27.3608, 6.8851**.

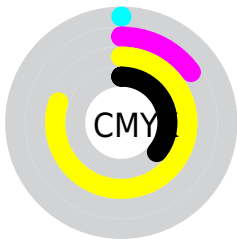
Distribution



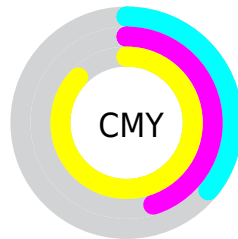
- Red (64%)
- Green (55%)
- Blue (13%)



- Red (24%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6114, 26.3616, 5.2300 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 24.6114, 26.3616, 5.2300 by changing the saturation by 10% instead.

■ 24.6114, 26.3616,
5.2300

■ 24.6114, 26.3616,
5.2300

268.2806,
284.5527, 161.0477

■ 15.9150, 17.0944,
2.3217

■ 50.4735, 53.8577,
16.7596

■ 9.5545, 10.3018,
0.7434

■ 68.3700, 72.8554,
26.2181

■ 5.1646, 5.5995,
0.0000

■ 90.0637, 95.8653,
38.6970

■ 2.3799, 2.6031,
0.0000

■ 115.9202,
123.2719, 54.6149

■ 0.8351, 0.9282,
0.0000

■ 146.3048,
155.4595, 74.3904

■ 0.0000, 0.0000,
0.0000

■ 181.5828,

192.8126, 98.4420

222.1196,
235.7155, 127.1882

■ 24.6114, 26.3616,
5.2300

■ 24.6114, 26.3616,
5.2300

■ 24.0066, 25.4332,
4.1621

■ 25.3399, 27.3608,
6.8851

■ 23.4921, 24.5589,
3.5138

■ 26.2046, 28.4327,
9.2002

■ 23.4797, 24.5376,
3.4987

■ 27.2182, 29.5836,
12.2392

■ 28.3913, 30.8181,
16.0580

■ 29.7337, 32.1400,
20.7070

■ 31.2542, 33.5530,
26.2323

■ 32.9609, 35.0606,
32.6767

■ 34.8616, 36.6660,
40.0803

■ 36.9635, 38.3722,
48.4805

Harmonies

Analogous

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



31.6917, 26.3616, 6.7586



24.6114, 26.3616, 5.2300



18.7716, 26.3616, 7.2588

Triad

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



24.6114, 26.3616, 5.2300



15.5483, 26.3616, 53.3373



38.4056, 26.3616, 50.0544

Complementary

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



24.6114, 26.3616, 5.2300



8.7012, 5.8939, 35.3291

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.



32.6062, 26.3616, 73.4224



24.6114, 26.3616, 5.2300



19.4178, 26.3616, 75.8439

Square

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



24.6114, 26.3616, 5.2300



14.1600, 26.3616, 30.0031



25.5057, 26.3616, 84.4776



40.4633, 26.3616, 27.4416

Rectangle

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



24.6114, 26.3616, 5.2300



16.1308, 26.3616, 11.3050



25.5057, 26.3616, 84.4776



36.7832, 26.3616, 58.3775

Sweetspot

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



24.6120, 26.3629, 5.2305



54.6556, 58.8829, 42.1356



16.4376, 9.1902, 5.0457



12.0708, 13.0332, 8.7244



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.



24.6120, 26.3629, 5.2305



42.2612, 44.2921, 6.5649



21.6840, 30.5892, 6.2006



7.5378, 8.0139, 7.5296



18.2788, 19.1315, 2.7294



0.4113, 0.4564, 0.0664

Inverse Universe

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



8.7012, 5.8939, 35.3291



12.9214, 6.7421, 62.6764



9.8275, 5.1101, 35.1184



6.8014, 7.0617, 8.9076



5.5259, 2.8312, 27.1850



0.1437, 0.1147, 0.5804

Previews

White Background



This preview shows how the XYZ color 24.6114, 26.3616, 5.2300 looks on a white background.

Color Contrast Check

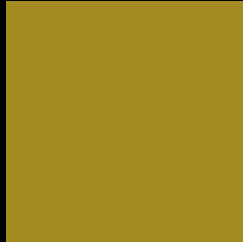
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6114, 26.3616, 5.2300 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 24.6114, 26.3616, 5.2300

Background



This preview shows how black text looks on a background with the XYZ color 24.6114, 26.3616, 5.2300.



This preview shows how white text looks on a background with the XYZ color 24.6114, 26.3616,

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

24.6114, 26.3616, 5.2300

Protanopia

23.8999, 26.4287, 5.2804

Deuteranopia

26.8374, 26.2495, 5.3212



Tritanopia

29.2938, 26.4048, 28.3636

Trichromacy



Original Color

24.6114, 26.3616, 5.2300

Protanomaly

24.1498, 26.3396, 5.2501

Deuteranomaly

25.9806, 26.2200, 5.2817

Tritanomaly

26.6728, 25.9301, 15.9111

Monochromacy



Original Color

24.6114, 26.3616, 5.2300

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6389, 24.4911, 14.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6114, 26.3616, 5.2300 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, 139, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 139, 33)  
}
```

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, 139, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 139, 33) }
```

Border

The CSS property to change the border of an element to XYZ 24.6114, 26.3616, 5.2300 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, 139, 33) }
```


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

```
.border{ border-color:rgb(163, 139, 33) }
```

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

Here you see how a box with a 4 pixel rgb(163, 139, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 139, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 139, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 139,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6114, 26.3616, 5.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 139, 33) }
```

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

```
.background{ background-color: rgb(163,  
139, 33) }
```

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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