

Converting Colors

XYZ(23.3761, 26.4648, 6.4517)

Have a look what the booklet for
XYZ(23.3761, 26.4648, 6.4517)
contains.

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Color

**XYZ(23.4525, 26.6145,
6.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	998F2E
RGB	153, 143, 46
RGB Percent	60%, 56%, 18%
CMY	0.4000, 0.4392, 0.8196
CMYK	0.00, 0.07, 0.70, 0.40
HSL	54°, 54%, 39%
HSV	54°, 70%, 60%
XYZ	23.4525, 26.6145, 6.4858
YIQ	134.9320, 37.0970, -28.0470

Conversions

Conversions Part 2

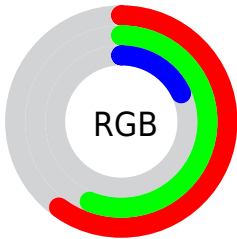
Format	Color
R_{YB}	57, 153, 46
Decimal	10063662
CIE _{Lab}	58.62, -8.01, 50.54
CIE _{LCh}	59, 51.171, 99.008
Yxy	26.6145, 0.4147, 0.4706
Android (android.graphics.Color)	4288253742 (0xFF998F2E)
YUV	134.9320, -43.8435, 15.8456
Hunter-Lab	51.5892, -9.1350, 28.6585

Details

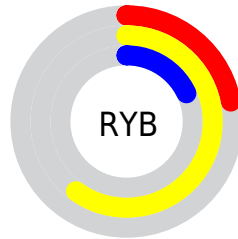
The XYZ color **23.4525, 26.6145, 6.4858** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2907, 5.7090, 30.8018**, and the grayscale version is **23.1524, 24.3582, 26.5260**.

A 20% lighter version of the original color is **48.5229, 54.0633, 19.4331**, and **9.0599, 10.4814, 1.5456** is the 20% darker color. If you saturate the color by 10%, you get **22.9901, 26.0894, 5.1000**, and if you desaturate by 10%, it is **24.0264, 27.1906, 8.4398**.

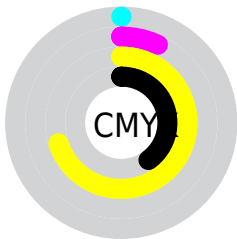
Distribution



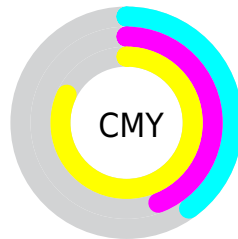
- Red (60%)
- Green (56%)
- Blue (18%)



- Red (22%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4525, 26.6145, 6.4858 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 23.4525, 26.6145, 6.4858 by changing the saturation by 10% instead.

■ 23.4525, 26.6145,
6.4858

■ 23.4525, 26.6145,
6.4858

262.5328,
285.7857, 172.7855

■ 15.0505, 17.2839,
3.0691

■ 48.5965, 54.2646,
19.4260

■ 8.9414, 10.4371,
1.1300

■ 66.0692, 73.3530,
29.7866

■ 4.7598, 5.6897,
0.0000

■ 87.2962, 96.4627,
43.2989

■ 2.1403, 2.6574,
0.0000

■ 112.6428,
123.9782, 60.3815

■ 0.7110, 0.9556,
0.0000

■ 142.4744,
156.2838, 81.4530

■ 0.0000, 0.0000,
0.0000

■ 177.1564,

193.7641, 106.9317

217.0541,
236.8032, 137.2364

■ 23.4525, 26.6145,
6.4858

■ 23.4525, 26.6145,
6.4858

■ 22.9901, 26.0894,
5.1000

■ 24.0264, 27.1906,
8.4398

■ 22.6253, 25.6067,
4.2173

■ 24.7201, 27.8180,
11.0145

■ 22.3290, 25.1557,
3.6816

■ 25.5436, 28.5017,
14.2581

■ 22.3270, 25.1527,
3.6782

■ 26.5048, 29.2449,
18.2139

■ 27.6113, 30.0508,
22.9213

■ 28.8702, 30.9219,
28.4170

■ 30.2879, 31.8611,
34.7351

■ 31.8704, 32.8707,
41.9078

■ 33.6237, 33.9532,
49.9657

Harmonies

Analogous

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



29.8729, 26.6145, 7.1993



23.4525, 26.6145, 6.4858



18.4321, 26.6145, 9.5579

Triad

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



23.4525, 26.6145, 6.4858



17.0261, 26.6145, 56.6479



38.3265, 26.6145, 43.2152

Complementary

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



23.4525, 26.6145, 6.4858



8.2907, 5.7090, 30.8018

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.



33.6826, 26.6145, 65.0095



23.4525, 26.6145, 6.4858



21.2127, 26.6145, 74.7362

Square

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



23.4525, 26.6145, 6.4858



15.1468, 26.6145, 34.7371



27.2343, 26.6145, 78.3056



39.1936, 26.6145, 23.8946

Rectangle

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



23.4525, 26.6145, 6.4858



16.2934, 26.6145, 14.5709



27.2343, 26.6145, 78.3056



37.1226, 26.6145, 50.6800

Sweetspot

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



23.4531, 26.6158, 6.4863



49.1383, 53.5966, 39.7123



14.8451, 9.0190, 4.7906



10.7373, 11.7534, 8.2855



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.4531, 26.6158, 6.4863



40.7788, 46.2193, 8.1259



18.3398, 26.3076, 6.6964



6.6596, 7.1242, 6.6300



18.4659, 20.8142, 3.0443



0.2885, 0.3361, 0.0497

Inverse Universe

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



8.2907, 5.7090, 30.8018



11.9213, 6.4909, 54.5965



10.8277, 6.3682, 30.7954



5.9286, 6.1146, 7.7967



4.8973, 2.1913, 25.0725



0.0840, 0.0543, 0.3784

Previews

White Background



This preview shows how the XYZ color 23.4525, 26.6145, 6.4858 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 23.4525, 26.6145, 6.4858 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 23.4525, 26.6145, 6.4858

Background



This preview shows how black text looks on a background with the XYZ color 23.4525, 26.6145, 6.4858.



This preview shows how white text looks on a background with the XYZ color 23.4525, 26.6145,

6.4858.

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

23.4525, 26.6145, 6.4858

Protanopia

24.1186, 26.5161, 6.4317

Deuteranopia

26.9840, 26.5021, 6.5989



Tritanopia

28.2571, 26.6409, 30.0385

Trichromacy



Original Color

23.4525, 26.6145, 6.4858

Protanomaly

23.8764, 26.6112, 6.4628

Deuteranomaly

25.6276, 26.4296, 6.5470

Tritanomaly

25.7530, 26.2431, 17.8955

Monochromacy



Original Color

23.4525, 26.6145, 6.4858

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6920, 24.9070, 16.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4525, 26.6145, 6.4858 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(153, 143, 46)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 46)  
}
```

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(153, 143, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 46) }
```

Border

The CSS property to change the border of an element to XYZ 23.4525, 26.6145, 6.4858 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(153, 143, 46) }
```


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

```
.border{ border-color:rgb(153, 143, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 143, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 143, 46);  
box-shadow:4px 4px 4px 4px rgb(153, 143,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4525, 26.6145, 6.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 46) }
```

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

```
.background{ background-color: rgb(153,  
143, 46) }
```

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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