

Converting Colors

XYZ(23.2315, 25.6190, 9.0321)

Have a look what the booklet for
XYZ(23.2315, 25.6190, 9.0321)
contains.

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Color

**XYZ(23.1946, 25.5459,
9.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	988B43
RGB	152, 139, 67
RGB Percent	60%, 55%, 26%
CMY	0.4039, 0.4549, 0.7372
CMYK	0.00, 0.09, 0.56, 0.40
HSL	51°, 39%, 43%
HSV	51°, 56%, 60%
XYZ	23.1946, 25.5459, 9.0186
YIQ	134.6790, 30.8600, -19.6360

Conversions

Conversions Part 2

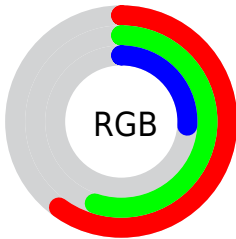
Format	Color
R _Y B	82, 152, 67
Decimal	9997123
CIE Lab	57.60, -4.80, 39.72
CIE LCh	58, 40.011, 96.894
Yxy	25.5459, 0.4016, 0.4423
Android (android.graphics.Color)	4288187203 (0xFF988B43)
YUV	134.6790, -33.3657, 15.1905
Hunter-Lab	50.5430, -6.5350, 24.8007

Details

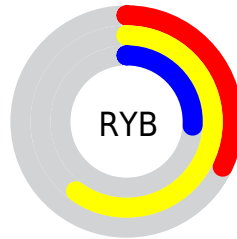
The XYZ color **23.1946, 25.5459, 9.0186** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.8508, 9.1973, 30.9089**, and the grayscale version is **23.0224, 24.2213, 26.3770**.

A 20% lighter version of the original color is **48.0729, 52.3935, 24.4089**, and **8.8271, 9.8411, 2.0065** is the 20% darker color. If you saturate the color by 10%, you get **22.4645, 24.7221, 6.8134**, and if you desaturate by 10%, it is **24.0528, 26.4343, 11.8577**.

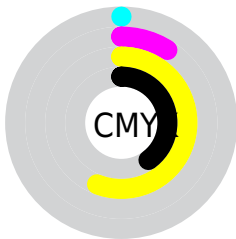
Distribution



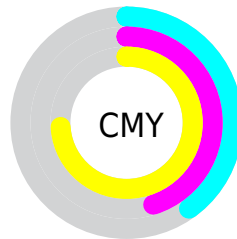
- Red (60%)
- Green (55%)
- Blue (26%)



- Red (32%)
- Yellow (60%)
- Blue (26%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1946, 25.5459, 9.0186 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 23.1946, 25.5459, 9.0186 by changing the saturation by 10% instead.

■ 23.1946, 25.5459,
9.0186

■ 23.1946, 25.5459,
9.0186

261.2396,
280.5458, 193.7398

■ 14.8587, 16.4842,
4.6563

■ 48.1770, 52.5415,
24.5107

■ 8.8060, 9.8675,
1.9919

■ 65.5542, 71.2441,
36.4777

■ 4.6709, 5.3112,
0.5503

■ 86.6759, 93.9293,
51.8166

■ 2.0883, 2.4310,
0.0000

■ 111.9075,
120.9813, 70.9460

■ 0.6828, 0.8418,
0.0000

■ 141.6143,
152.7845, 94.2845

■ 0.0000, 0.0000,
0.0000

176.1617,

189.7234, 122.2506

215.9150,
232.1824, 155.2629

■ 23.1946, 25.5459,
9.0186

■ 23.1946, 25.5459,
9.0186

■ 22.4645, 24.7221,
6.8134

■ 24.0528, 26.4343,
11.8577

■ 21.8510, 23.9553,
5.1899

■ 25.0459, 27.3872,
15.3740

■ 21.3436, 23.2424,
4.0905

■ 26.1822, 28.4090,
19.6091

■ 20.9267, 22.5768,
3.4329

■ 27.4690, 29.5027,
24.6006

■ 20.7675, 22.3128,
3.2122

■ 28.9130, 30.6709,
30.3836

■ 30.5204, 31.9163,
36.9908

■ 32.2972, 33.2412,
44.4533

■ 34.2489, 34.6481,
52.8005

■ 36.3809, 36.1391,
62.0602

Harmonies

Analogous

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



28.0671, 25.5459, 9.9556



23.1946, 25.5459, 9.0186



19.1727, 25.5459, 11.6339

Triad

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



23.1946, 25.5459, 9.0186



17.6499, 25.5459, 46.7875



33.7481, 25.5459, 39.4700

Complementary

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



23.1946, 25.5459, 9.0186



10.8508, 9.1973, 30.9089

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.



30.2236, 25.5459, 54.6073



23.1946, 25.5459, 9.0186



20.8510, 25.5459, 59.7095

Square

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



23.1946, 25.5459, 9.0186



16.2548, 25.5459, 31.0940



25.4000, 25.5459, 62.9625



34.5901, 25.5459, 24.7753

Rectangle

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



23.1946, 25.5459, 9.0186



17.3698, 25.5459, 15.7778



25.4000, 25.5459, 62.9625



32.8172, 25.5459, 44.8017

Sweetspot

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



23.1952, 25.5471, 9.0191



48.1490, 51.7953, 42.0962



16.4476, 11.2865, 9.1294



10.8469, 11.6914, 9.1894



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.



23.1952, 25.5471, 9.0191



39.3761, 43.3057, 11.2535



20.5055, 27.1219, 9.4648



6.6284, 7.0620, 6.6196



17.4313, 18.7450, 2.6994



0.2797, 0.3185, 0.0467

Inverse Universe

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



10.8508, 9.1973, 30.9089



15.4115, 11.6010, 53.8606



12.4289, 8.7324, 30.7359



5.9570, 6.1713, 7.8062



5.0285, 2.4536, 25.1163



0.0922, 0.0707, 0.3812

Previews

White Background



This preview shows how the XYZ color 23.1946, 25.5459, 9.0186 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 23.1946, 25.5459, 9.0186 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 23.1946, 25.5459, 9.0186

Background



This preview shows how black text looks on a background with the XYZ color 23.1946, 25.5459, 9.0186.



This preview shows how white text looks on a background with the XYZ color 23.1946, 25.5459,

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

23.1946, 25.5459, 9.0186

Protanopia

23.3826, 25.6428, 9.0273

Deuteranopia

25.9030, 25.4782, 9.1828



Tritanopia

27.2221, 25.5266, 28.6917

Trichromacy



Original Color

23.1946, 25.5459, 9.0186

Protanomaly

23.3826, 25.6428, 9.0273

Deuteranomaly

24.8116, 25.5318, 9.0893

Tritanomaly

25.2727, 25.3330, 19.4773

Monochromacy



Original Color

23.1946, 25.5459, 9.0186

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6031, 24.3968, 18.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1946, 25.5459, 9.0186 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(152, 139, 67)` looks like.

```
.text, #text, p{  
    color:rgb(152, 139, 67)  
}
```

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(152, 139, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 139, 67) }
```

Border

The CSS property to change the border of an element to XYZ 23.1946, 25.5459, 9.0186 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(152, 139, 67) }
```


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

```
.border{ border-color:rgb(152, 139, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 139, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 139, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 139, 67);  
box-shadow:4px 4px 4px 4px rgb(152, 139,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1946, 25.5459, 9.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 139, 67) }
```

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

```
.background{ background-color: rgb(152,  
139, 67) }
```

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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