

Converting Colors

XYZ(23.4437, 25.6672, 9.3489)

Have a look what the booklet for
XYZ(23.4437, 25.6672, 9.3489)
contains.

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Color

**XYZ(23.4437, 25.6672,
9.3489)**

Conversions

Conversions Part 1

Format	Color
Hex	998B45
RGB	153, 139, 69
RGB Percent	60%, 55%, 27%
CMY	0.4000, 0.4549, 0.7294
CMYK	0.00, 0.09, 0.55, 0.40
HSL	50°, 38%, 44%
HSV	50°, 55%, 60%
XYZ	23.4437, 25.6672, 9.3489
YIQ	135.2060, 30.8140, -18.8020

Conversions

Conversions Part 2

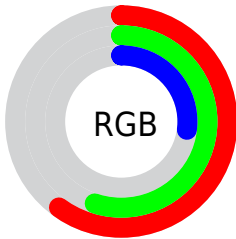
Format	Color
R_{YB}	86, 153, 69
Decimal	10062661
CIE _{Lab}	57.72, -4.19, 38.87
CIE _{LCh}	58, 39.095, 96.151
Yxy	25.6672, 0.4010, 0.4391
Android (android.graphics.Color)	4288252741 (0xFF998B45)
YUV	135.2060, -32.6396, 15.6053
Hunter-Lab	50.6628, -6.0608, 24.5231

Details

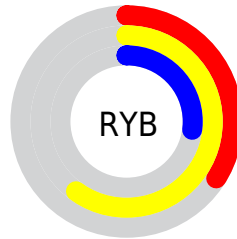
The XYZ color **23.4437, 25.6672, 9.3489** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.2973, 9.7514, 31.4238**, and the grayscale version is **23.2157, 24.4247, 26.5985**.

A 20% lighter version of the original color is **48.4739, 52.5865, 25.0481**, and **8.9542, 9.9046, 2.1017** is the 20% darker color. If you saturate the color by 10%, you get **22.6641, 24.7725, 7.0405**, and if you desaturate by 10%, it is **24.3556, 26.6305, 12.3062**.

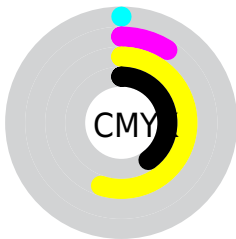
Distribution



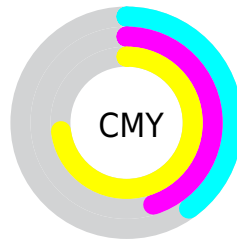
- Red (60%)
- Green (55%)
- Blue (27%)



- Red (34%)
- Yellow (60%)
- Blue (27%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4437, 25.6672, 9.3489 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 23.4437, 25.6672, 9.3489 by changing the saturation by 10% instead.

■ 23.4437, 25.6672,
9.3489

■ 23.4437, 25.6672,
9.3489

262.4888,
281.1445, 196.2727

■ 15.0440, 16.5748,
4.8695

■ 48.5822, 52.7376,
25.1518

■ 8.9368, 9.9318,
2.1135

■ 66.0516, 71.4844,
37.3124

■ 4.7567, 5.3538,
0.6238

■ 87.2750, 94.2181,
52.8706

■ 2.1385, 2.4563,
0.0000

■ 112.6178,
121.3231, 72.2447

■ 0.7100, 0.8546,
0.0000

■ 142.4451,
153.1839, 95.8535

■ 0.0000, 0.0000,
0.0000

177.1225,

190.1848, 124.1154

217.0153,
232.7102, 157.4489

■ 23.4437, 25.6672,
9.3489

■ 23.4437, 25.6672,
9.3489

■ 22.6641, 24.7725,
7.0405

■ 24.3556, 26.6305,
12.3062

■ 22.0053, 23.9389,
5.3288

■ 25.4067, 27.6624,
15.9562

■ 21.4567, 23.1630,
4.1560

■ 26.6054, 28.7672,
20.3405

■ 21.0044, 22.4390,
3.4482

■ 27.9590, 29.9481,
25.4973

■ 20.7918, 22.0823,
3.1665

■ 29.4743, 31.2078,
31.4618

■ 31.1576, 32.5489,
38.2672

■ 33.0149, 33.9739,
45.9448

■ 35.0520, 35.4852,
54.5245

■ 37.2741, 37.0851,
64.0343

Harmonies

Analogous

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



28.2208, 25.6672, 10.3738



23.4437, 25.6672, 9.3489



19.4601, 25.6672, 11.8675

Triad

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



23.4437, 25.6672, 9.3489



17.8234, 25.6672, 46.0878



33.5932, 25.6672, 39.7247

Complementary

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



23.4437, 25.6672, 9.3489



11.2973, 9.7514, 31.4238

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.



30.1028, 25.6672, 54.3706



23.4437, 25.6672, 9.3489



20.9332, 25.6672, 58.7917

Square

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



23.4437, 25.6672, 9.3489



16.4936, 25.6672, 30.8026



25.3735, 25.6672, 62.2280



34.4885, 25.6672, 25.2740

Rectangle

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



23.4437, 25.6672, 9.3489



17.6556, 25.6672, 15.9033



25.3735, 25.6672, 62.2280



32.6646, 25.6672, 44.9132

Sweetspot

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



23.4443, 25.6684, 9.3494



49.7110, 53.3259, 44.2689



16.8265, 11.6534, 9.5464



10.8739, 11.6864, 9.3799



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.



23.4443, 25.6684, 9.3494



40.2861, 43.9961, 11.7780



20.9230, 27.5722, 9.8498



6.6213, 7.0476, 6.6172



17.2048, 18.2921, 2.6239



0.2777, 0.3145, 0.0461

Inverse Universe

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



11.2973, 9.7514, 31.4238



16.2692, 12.5626, 55.5393



12.8079, 9.0979, 31.2180



5.9635, 6.1844, 7.8084



5.0659, 2.5284, 25.1287



0.0941, 0.0745, 0.3818

Previews

White Background



This preview shows how the XYZ color 23.4437, 25.6672, 9.3489 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 23.4437, 25.6672, 9.3489 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 23.4437, 25.6672, 9.3489

Background



This preview shows how black text looks on a background with the XYZ color 23.4437, 25.6672, 9.3489.



This preview shows how white text looks on a background with the XYZ color 23.4437, 25.6672,

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

23.4437, 25.6672, 9.3489

Protanopia

23.4437, 25.6672, 9.3489

Deuteranopia

25.9662, 25.5035, 9.5153



Tritanopia

27.4212, 25.6293, 28.7010

Trichromacy



Original Color

23.4437, 25.6672, 9.3489

Protanomaly

23.4437, 25.6672, 9.3489

Deuteranomaly

25.0793, 25.6627, 9.4259

Tritanomaly

25.5242, 25.4561, 19.7879

Monochromacy



Original Color

23.4437, 25.6672, 9.3489

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8287, 24.5068, 18.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4437, 25.6672, 9.3489 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, 139, 69)` looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 69)  
}
```

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, 139, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 69) }
```

Border

The CSS property to change the border of an element to XYZ 23.4437, 25.6672, 9.3489 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, 139, 69) }
```


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

```
.border{ border-color:rgb(153, 139, 69) }
```

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

Here you see how a box with a 4 pixel rgb(153, 139, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 69);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4437, 25.6672, 9.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 69) }
```

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

```
.background{ background-color: rgb(153,  
139, 69) }
```

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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