

Converting Colors

XYZ(39.7525, 39.2563, 39.8611)

Have a look what the booklet for
XYZ(39.7525, 39.2563, 39.8611)
contains.

XYZ(39.6264, 39.1173, 39.6443)	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(39.6264, 39.1173,
39.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A3A2
RGB	185, 163, 162
RGB Percent	73%, 64%, 64%
CMY	0.2745, 0.3608, 0.3647
CMYK	0.00, 0.12, 0.12, 0.27
HSL	3°, 14%, 68%
HSV	3°, 12%, 73%
XYZ	39.6264, 39.1173, 39.6443
YIQ	169.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

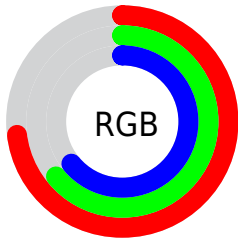
Format	Color
RYB	185, 163, 162
Decimal	12166050
CIELab	68.84, 7.85, 3.46
CIELCh	69, 8.578, 23.755
Yxy	39.1173, 0.3347, 0.3304
Android (android.graphics.Color)	4290356130 (0xFFB9A3A2)
YUV	169.4640, -3.6798, 13.6251
Hunter-Lab	62.5438, 3.6420, 6.1989

Details

The XYZ color **39.6264, 39.1173, 39.6443** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7976, 45.4644, 52.5247**, and the grayscale version is **37.9559, 39.9325, 43.4865**.

A 20% lighter version of the original color is **73.8714, 73.8533, 76.0073**, and **18.0146, 17.4002, 17.1610** is the 20% darker color. If you saturate the color by 10%, you get **35.1768, 32.6588, 30.6359**, and if you desaturate by 10%, it is **44.7597, 46.5551, 50.0752**.

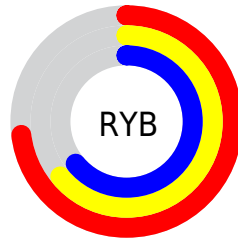
Distribution



Red (73%)

Green (64%)

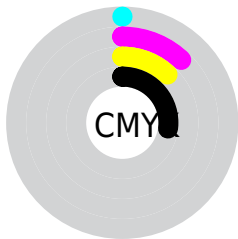
Blue (64%)



Red (73%)

Yellow (64%)

Blue (64%)

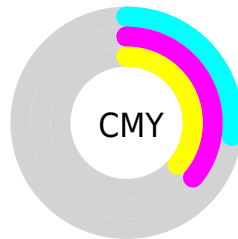


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6264, 39.1173, 39.6443 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 39.6264, 39.1173, 39.6443 by changing the saturation by 10% instead.


 39.6264, 39.1173,
39.6443


 39.6264, 39.1173,
39.6443


335.7079,
342.3889, 360.1295

 27.4303, 26.8510,
26.9496


 73.8822, 73.8175,
75.8527

 18.0349, 17.4613,
17.3033

 96.6727, 97.0201,
100.2036

 11.0749, 10.5640,
10.2867


123.7253,
124.6370, 129.2769

 6.1849, 5.7745,
5.4814

155.4053,
157.0526, 163.4912

 2.9996, 2.7084,
2.4688

192.0783,
194.6511, 203.2651

 1.1535, 0.9815,
0.8235

234.1095,

 0.0692, 0.0000,

237.8171, 249.0171

0.0000

281.8642,
286.9349, 301.1657

0.0000, 0.0000,
0.0000

39.6264, 39.1173,
39.6443

39.6264, 39.1173,
39.6443

35.1768, 32.6588,
30.6359

44.7597, 46.5551,
50.0752

31.3790, 27.1340,
22.9859

50.6003, 55.0050,
61.9838

28.2033, 22.5011,
16.6293

57.1749, 64.5051,
75.4255

25.6165, 18.7135,
11.4946

64.5078, 75.0894,
90.4519

23.5825, 15.7201,
7.5034

72.6220, 86.7909,
107.1125

■ 22.0609, 13.4644,
4.5682

■ 73.8178, 89.0544,
107.9064

■ 21.0059, 11.8825,
2.5889

■ 20.3638, 10.8995,
1.4460

■ 20.0954, 10.4896,
0.9655

Harmonies

Analogous

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



39.8419, 39.1173, 43.4124



39.6264, 39.1173, 39.6443



38.7483, 39.1173, 36.8300

Triad

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



39.6264, 39.1173, 39.6443



35.1093, 39.1173, 38.3136



36.8959, 39.1173, 50.4837

Complementary

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



39.6264, 39.1173, 39.6443



40.7976, 45.4644, 52.5247

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.



35.6542, 39.1173, 48.9258



39.6264, 39.1173, 39.6443



34.6391, 39.1173, 41.7822

Square

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



39.6264, 39.1173, 39.6443



36.1358, 39.1173, 36.0951



34.8361, 39.1173, 45.6825



38.2438, 39.1173, 49.8253

Rectangle

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



39.6264, 39.1173, 39.6443



37.9166, 39.1173, 35.7953



34.8361, 39.1173, 45.6825



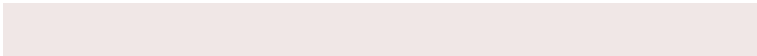
36.4527, 39.1173, 50.1990

Sweetspot

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



39.6275, 39.1190, 39.6451



78.5767, 81.0815, 86.4543



41.6047, 39.6260, 50.9321



16.7848, 17.2555, 18.3231



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.6275, 39.1190, 39.6451



68.6083, 66.6329, 66.2119



41.7173, 43.2988, 40.3417



9.0352, 9.0733, 9.3820



13.6970, 7.1704, 0.6621



0.4935, 0.2741, 0.0269

Inverse Universe

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



40.7976, 45.4644, 52.5247



71.1285, 80.3006, 93.9553



38.5503, 40.9697, 51.7756



9.2322, 10.1417, 11.5504



16.6731, 23.8058, 34.9693



0.5982, 0.8600, 1.2362

Previews

White Background



This preview shows how the XYZ color 39.6264, 39.1173, 39.6443 looks on a white background.

Color Contrast Check

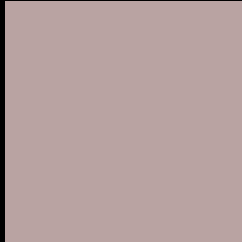
Large Text (above 18pt) WCAG AA × Fail

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 39.6264, 39.1173, 39.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

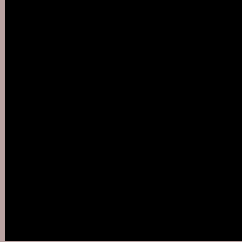
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6264, 39.1173, 39.6443

Background



This preview shows how black text looks on a background with the XYZ color 39.6264, 39.1173, 39.6443.



This preview shows how white text looks on a background with the XYZ color 39.6264, 39.1173,

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

39.6264, 39.1173, 39.6443

Protanopia

37.5328, 39.0884, 40.6886

Deuteranopia

39.6916, 38.8884, 39.5967



Tritanopia

40.8784, 39.1105, 45.4390

Trichromacy



Original Color

39.6264, 39.1173, 39.6443

Protanomaly

38.3785, 39.2639, 40.2063

Deuteranomaly

39.6916, 38.8884, 39.5967

Tritanomaly

40.4257, 39.1820, 43.4624

Monochromacy



Original Color

39.6264, 39.1173, 39.6443

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3808, 39.5046, 41.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6264, 39.1173, 39.6443 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(185, 163, 162) looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 162)  
}
```

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(185, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.6264, 39.1173, 39.6443 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(185, 163, 162) }
```


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

```
.border{ border-color:rgb(185, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6264, 39.1173, 39.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 162) }
```

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

```
.background{ background-color: rgb(185,  
163, 162) }
```

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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