

Converting Colors

XYZ(24.0270, 32.0606, 5.4255)

Have a look what the booklet for
XYZ(24.0270, 32.0606, 5.4255)
contains.

XYZ(24.0164, 32.0773, 5.4159)	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(24.0164, 32.0773,
5.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA410
RGB	139, 164, 16
RGB Percent	55%, 64%, 6%
CMY	0.4549, 0.3568, 0.9372
CMYK	0.15, 0.00, 0.90, 0.36
HSL	70°, 82%, 35%
HSV	70°, 90%, 64%
XYZ	24.0164, 32.0773, 5.4159
YIQ	139.6530, 32.6080, -51.3280

Conversions

Conversions Part 2

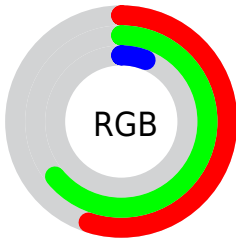
Format	Color
RYB	16, 164, 41
Decimal	9151504
CIELab	63.41, -26.17, 63.36
CIELCh	63, 68.547, 112.443
Yxy	32.0773, 0.3904, 0.5215
Android (android.graphics.Color)	4287341584 (0xFF8BA410)
YUV	139.6530, -60.9609, -0.5727
Hunter-Lab	56.6368, -23.4229, 33.9762

Details

The XYZ color **24.0164, 32.0773, 5.4159** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.8017, 3.5231, 35.3928**, and the grayscale version is **25.0137, 26.3164, 28.6586**.

A 20% lighter version of the original color is **49.5444, 62.9780, 17.1341**, and **9.4503, 13.4732, 2.1025** is the 20% darker color. If you saturate the color by 10%, you get **23.4774, 31.8113, 4.9028**, and if you desaturate by 10%, it is **24.6585, 32.3894, 6.3480**.

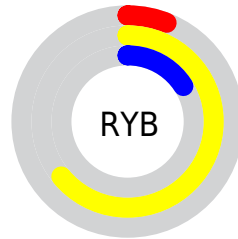
Distribution



Red (55%)

Green (64%)

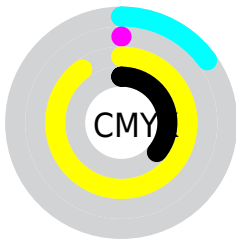
Blue (6%)



Red (6%)

Yellow (64%)

Blue (16%)

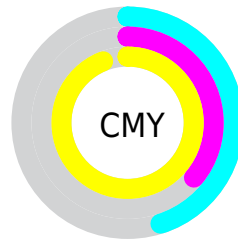


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0164, 32.0773, 5.4159 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 24.0164, 32.0773, 5.4159 by changing the saturation by 10% instead.

■ 24.0164, 32.0773,
5.4159

■ 24.0164, 32.0773,
5.4159

265.3423,
311.4712, 162.8595

■ 15.4706, 21.4205,
2.4303

■ 49.5114, 62.9323,
17.1622

■ 9.2388, 13.4318,
0.8029

■ 67.1914, 83.8992,
26.7599

■ 4.9556, 7.7265,
0.0000

■ 88.6467, 109.0718,
39.3989

■ 2.2557, 3.9205,
0.0000

■ 114.2429,
138.8342, 55.4975

■ 0.7719, 1.6292,
0.0000

■ 144.3452,
173.5710, 75.4743

■ 0.0000, 0.3771,
0.0000

■ 179.3189,

■ 0.0000, 0.0000,

213.6665, 99.7479

0.0000

219.5295,
259.5051, 128.7368

■ 24.0164, 32.0773,
5.4159

■ 24.0164, 32.0773,
5.4159

■ 23.4774, 31.8113,
4.9028

■ 24.6585, 32.3894,
6.3480

■ 25.4230, 32.7507,
7.8664

■ 26.3252, 33.1685,
10.0478

■ 27.3774, 33.6476,
12.9570

■ 28.5907, 34.1926,
16.6511

■ 29.9749, 34.8073,
21.1815

■ 31.5389, 35.4954,
26.5952

■ 33.2911, 36.2601,
32.9358

■ 35.2393, 37.1047,
40.2438

Harmonies

Analogous

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



32.9615, 32.0773, 4.4627



24.0164, 32.0773, 5.4159



18.1505, 32.0773, 11.7155

Triad

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



24.0164, 32.0773, 5.4159



20.6304, 32.0773, 95.2062



52.4910, 32.0773, 42.2902

Complementary

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



24.0164, 32.0773, 5.4159



7.8017, 3.5231, 35.3928

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.



47.4375, 32.0773, 77.6564



24.0164, 32.0773, 5.4159



28.1424, 32.0773, 117.0146

Square

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



24.0164, 32.0773, 5.4159



16.4985, 32.0773, 59.0267



38.0300, 32.0773, 109.3136



50.7463, 32.0773, 18.4831

Rectangle

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



24.0164, 32.0773, 5.4159



16.1464, 32.0773, 21.3714



38.0300, 32.0773, 109.3136



51.5001, 32.0773, 53.2622

Sweetspot

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



24.0171, 32.0788, 5.4166



55.1485, 63.5051, 40.9663



16.1861, 9.4939, 1.4700



11.8666, 13.7996, 8.3116



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.



24.0171, 32.0788, 5.4166



42.4594, 57.6605, 8.8917



15.5724, 27.7254, 5.0214



7.5314, 8.1765, 7.5614



18.0350, 24.4079, 3.7606



0.4082, 0.5279, 0.0804

Inverse Universe

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



7.8017, 3.5231, 35.3928



12.8974, 5.2438, 64.0847



13.9139, 6.6740, 35.6788



6.8069, 6.9148, 8.8790



5.5280, 2.2563, 27.0739



0.1457, 0.0626, 0.5703

Previews

White Background



This preview shows how the XYZ color 24.0164, 32.0773, 5.4159 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 24.0164, 32.0773, 5.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

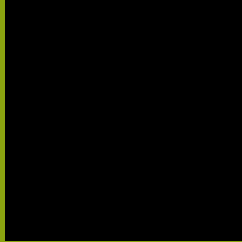
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.0164, 32.0773, 5.4159

Background



This preview shows how black text looks on a background with the XYZ color 24.0164, 32.0773, 5.4159.



This preview shows how white text looks on a background with the XYZ color 24.0164, 32.0773,

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

24.0164, 32.0773, 5.4159

Protanopia

28.8496, 32.0196, 4.9765

Deuteranopia

32.3784, 31.6925, 5.7772



Tritanopia

30.9687, 31.8485, 40.1125

Trichromacy



Original Color

24.0164, 32.0773, 5.4159

Protanomaly

26.9974, 32.0598, 5.1460

Deuteranomaly

28.6483, 31.4153, 5.5311

Tritanomaly

26.7903, 31.1277, 19.6352

Monochromacy



Original Color

24.0164, 32.0773, 5.4159

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.6282, 27.8966, 14.9657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0164, 32.0773, 5.4159 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(139, 164, 16)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 16)  
}
```

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(139, 164, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 16) }
```

Border

The CSS property to change the border of an element to XYZ 24.0164, 32.0773, 5.4159 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(139, 164, 16) }
```


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

```
.border{ border-color:rgb(139, 164, 16) }
```

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

Here you see how a box with a 4 pixel rgb(139, 164, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 164, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 164, 16);  
box-shadow:4px 4px 4px 4px rgb(139, 164,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0164, 32.0773, 5.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 16) }
```

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

```
.background{ background-color: rgb(139,  
164, 16) }
```

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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