

Converting Colors

XYZ(32.6246, 30.5246, 54.0415)

Have a look what the booklet for
XYZ(32.6246, 30.5246, 54.0415)
contains.

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Color

**XYZ(32.6246, 30.5246,
54.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	9990C0
RGB	153, 144, 192
RGB Percent	60%, 56%, 75%
CMY	0.4000, 0.4353, 0.2471
CMYK	0.20, 0.25, 0.00, 0.25
HSL	251°, 28%, 66%
HSV	251°, 25%, 75%
XYZ	32.6246, 30.5246, 54.0415
YIQ	152.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

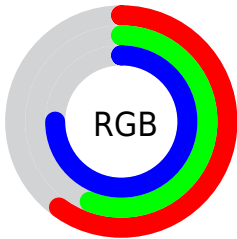
Format	Color
RYB	153, 144, 192
Decimal	10064064
CIELab	62.10, 13.43, -23.69
CIElCh	62, 27.229, 299.547
Yxy	30.5246, 0.2784, 0.2605
Android (android.graphics.Color)	4288254144 (0xFF9990C0)
YUV	152.1630, 19.6396, 0.7340
Hunter-Lab	55.2491, 8.7184, -19.3198

Details

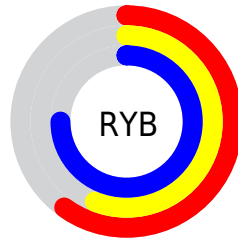
The XYZ color **32.6246, 30.5246, 54.0415** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4130, 49.7809, 33.7074**, and the grayscale version is **29.8372, 31.3910, 34.1848**.

A 20% lighter version of the original color is **63.3054, 60.6376, 97.9902**, and **13.9570, 12.6071, 25.7426** is the 20% darker color. If you saturate the color by 10%, you get **27.2058, 23.7757, 53.0249**, and if you desaturate by 10%, it is **38.9249, 38.4636, 55.2423**.

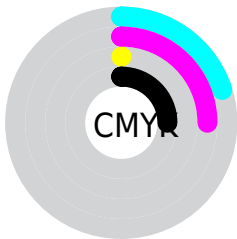
Distribution



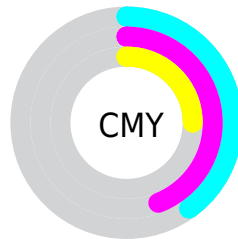
- Red (60%)
- Green (56%)
- Blue (75%)



- Red (60%)
- Yellow (56%)
- Blue (75%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6246, 30.5246, 54.0415 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 32.6246, 30.5246, 54.0415 by changing the saturation by 10% instead.

■ 32.6246, 30.5246,
54.0415

■ 32.6246, 30.5246,
54.0415

305.6497,
304.3421, 419.4473

■ 21.9969, 20.2371,
38.2414

■ 63.1476, 60.4908,
97.5922

■ 13.9712, 12.5675,
25.8668

■ 83.7736, 80.9383,
126.1799

■ 8.1822, 7.1314,
16.4992

108.4630,
105.5413, 159.8672

■ 4.2645, 3.5444,
9.7199

137.5813,
134.6842, 199.0728

■ 1.8529, 1.4221,
5.1105

171.4938,
168.7513, 244.2150

■ 0.5492, 0.2330,
2.2524

210.5658,

■ 0.0000, 0.0000,

208.1271, 295.7125

0.7043

255.1626,
253.1959, 353.9837

■ 0.0000, 0.0000,
0.0000

■ 32.6246, 30.5246,
54.0415

■ 32.6246, 30.5246,
54.0415

■ 27.2058, 23.7757,
53.0249

■ 38.9249, 38.4636,
55.2423

■ 22.6258, 18.1554,
52.1815

■ 46.1410, 47.6426,
56.6337

■ 18.8424, 13.6025,
51.5021

■ 54.3090, 58.1133,
58.2243

■ 15.8090, 10.0482,
50.9759

■ 63.4621, 69.9232,
60.0214

■ 13.4733, 7.4158,
50.5909

■ 73.6318, 83.1176,
62.0322

■ 11.7766, 5.6170,
50.3332

■ 83.4927, 95.0280,
63.8114

■ 10.6489, 4.5453,
50.1857

■ 86.5145, 96.5858,
63.9528

■ 10.2420, 4.1809,
50.1368

Harmonies

Analogous

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



28.9571, 30.5246, 57.7478



32.6246, 30.5246, 54.0415



35.5142, 30.5246, 44.5373

Triad

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



32.6246, 30.5246, 54.0415



32.7289, 30.5246, 18.7096



22.5272, 30.5246, 33.0770

Complementary

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



32.6246, 30.5246, 54.0415



43.4130, 49.7809, 33.7074

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.



23.3574, 30.5246, 24.0292



32.6246, 30.5246, 54.0415



29.0684, 30.5246, 16.8771

Square

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



32.6246, 30.5246, 54.0415



35.5779, 30.5246, 24.2522



25.6778, 30.5246, 18.6012



23.3093, 30.5246, 44.2028

Rectangle

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



32.6246, 30.5246, 54.0415



36.5008, 30.5246, 37.0297



25.6778, 30.5246, 18.6012



22.6259, 30.5246, 29.7109

Sweetspot

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



32.6256, 30.5258, 54.0422



80.6991, 82.6178, 102.0538



37.9917, 43.6855, 56.2994



17.1370, 17.5004, 21.8600



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.6256, 30.5258, 54.0422



53.5388, 48.3456, 96.8701



37.5746, 33.0771, 54.2738



9.7006, 9.8368, 12.6722



6.9411, 2.8387, 33.7387



0.3544, 0.1508, 1.4603

Inverse Universe

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



40.2596, 34.5730, 49.3520



69.8225, 56.9853, 86.5571



38.2224, 47.1050, 33.4645



10.4137, 10.2141, 12.2690



18.6924, 9.1667, 22.0900



0.8291, 0.4046, 1.0674

Previews

White Background



This preview shows how the XYZ color 32.6246, 30.5246, 54.0415 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 32.6246, 30.5246, 54.0415 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 32.6246, 30.5246, 54.0415

Background



This preview shows how black text looks on a background with the XYZ color 32.6246, 30.5246, 54.0415.



This preview shows how white text looks on a background with the XYZ color 32.6246, 30.5246,

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

32.6246, 30.5246, 54.0415

Protanopia

30.9215, 30.5232, 55.8916

Deuteranopia

31.1654, 30.4687, 53.5287



Tritanopia

29.3720, 30.5889, 38.0744

Trichromacy



Original Color

32.6246, 30.5246, 54.0415

Protanomaly

31.4990, 30.6021, 55.2856

Deuteranomaly

31.7155, 30.5224, 53.5100

Tritanomaly

30.4307, 30.5479, 43.3222

Monochromacy



Original Color

32.6246, 30.5246, 54.0415

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6714, 30.9603, 40.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6246, 30.5246, 54.0415 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, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 192)  
}
```

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, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.6246, 30.5246, 54.0415 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, 144, 192) }
```


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

```
.border{ border-color:rgb(153, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6246, 30.5246, 54.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 192) }
```

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

```
.background{ background-color: rgb(153,  
144, 192) }
```

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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