

Converting Colors

XYZ(25.0209, 33.1562, 8.6083)

Have a look what the booklet for
XYZ(25.0209, 33.1562, 8.6083)
contains.

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Color

**XYZ(24.9495, 33.0277,
8.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA636
RGB	139, 166, 54
RGB Percent	55%, 65%, 21%
CMY	0.4549, 0.3490, 0.7882
CMYK	0.16, 0.00, 0.67, 0.35
HSL	74°, 51%, 43%
HSV	74°, 67%, 65%
XYZ	24.9495, 33.0277, 8.5500
YIQ	145.1590, 19.8600, -40.5560

Conversions

Conversions Part 2

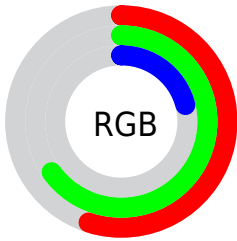
Format	Color
RYB	54, 166, 81
Decimal	9152054
CIELab	64.18, -25.47, 52.60
CIELCh	64, 58.447, 115.840
Yxy	33.0277, 0.3750, 0.4965
Android (android.graphics.Color)	4287342134 (0xFF8BA636)
YUV	145.1590, -44.9414, -5.4014
Hunter-Lab	57.4697, -23.0793, 31.4080

Details

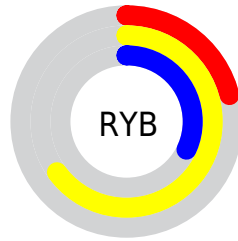
The XYZ color **24.9495, 33.0277, 8.5500** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.5966, 7.1416, 36.8456**, and the grayscale version is **27.1505, 28.5645, 31.1067**.

A 20% lighter version of the original color is **51.0160, 64.3765, 23.6470**, and **9.7636, 13.9659, 2.1811** is the 20% darker color. If you saturate the color by 10%, you get **23.9684, 32.5607, 6.8052**, and if you desaturate by 10%, it is **26.0897, 33.5636, 10.9981**.

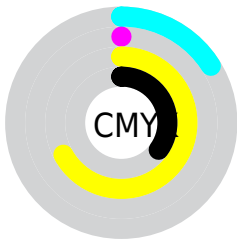
Distribution



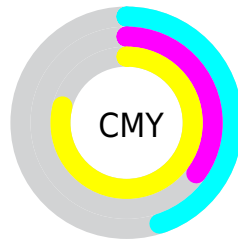
- Red (55%)
- Green (65%)
- Blue (21%)



- Red (21%)
- Yellow (65%)
- Blue (32%)



- Cyan (16%)
- Magenta (0%)
- Yellow (67%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9495, 33.0277, 8.5500 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 24.9495, 33.0277, 8.5500 by changing the saturation by 10% instead.

■ 24.9495, 33.0277,
8.5500

■ 24.9495, 33.0277,
8.5500

269.9386,
315.7745, 190.0773

■ 16.1680, 22.1477,
4.3561

■ 51.0188, 64.4188,
23.5935

■ 9.7347, 13.9654,
1.8226

■ 69.0372, 85.6986,
35.2802

■ 5.2843, 8.0966,
0.4428

■ 90.8653, 111.2138,
50.3016

■ 2.4515, 4.1568,
0.0000

■ 116.8685,
141.3488, 69.0761

■ 0.8709, 1.7617,
0.0000

■ 147.4121,
176.4880, 92.0225

■ 0.0000, 0.4631,
0.0000

■ 182.8614,

■ 0.0000, 0.0000,

217.0157, 119.5591

0.0000

223.5818,
263.3165, 152.1045

■ 24.9495, 33.0277,
8.5500

■ 24.9495, 33.0277,
8.5500

■ 23.9684, 32.5607,
6.8052

■ 26.0897, 33.5636,
10.9981

■ 23.1297, 32.1522,
5.6868

■ 27.3990, 34.1688,
14.2118

■ 22.4112, 31.7945,
5.0764

■ 28.8895, 34.8494,
18.2487

■ 22.2380, 31.7079,
4.9482

■ 30.5712, 35.6093,
23.1604

■ 32.4532, 36.4523,
28.9945

■ 34.5441, 37.3819,
35.7947

■ 36.8521, 38.4013,
43.6024

■ 39.3847, 39.5136,
52.4563

■ 42.1492, 40.7216,
62.3931

Harmonies

Analogous

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



32.5614, 33.0277, 6.9566



24.9495, 33.0277, 8.5500



19.9717, 33.0277, 15.9496

Triad

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



24.9495, 33.0277, 8.5500



23.2717, 33.0277, 88.4454



50.1053, 33.0277, 39.3727

Complementary

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



24.9495, 33.0277, 8.5500



11.5966, 7.1416, 36.8456

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.



46.5000, 33.0277, 68.1327



24.9495, 33.0277, 8.5500



30.2507, 33.0277, 103.3287

Square

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



24.9495, 33.0277, 8.5500



19.1293, 33.0277, 59.7294



38.8574, 33.0277, 94.6119



48.0175, 33.0277, 19.5201

Rectangle

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



24.9495, 33.0277, 8.5500



18.3435, 33.0277, 25.9180



38.8574, 33.0277, 94.6119



49.5041, 33.0277, 48.3130

Sweetspot

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



24.9503, 33.0292, 8.5507



57.8665, 65.6941, 49.3687



19.2713, 14.1312, 5.2023



12.7411, 14.6078, 10.3995



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.9503, 33.0292, 8.5507



42.7010, 58.7052, 11.1952



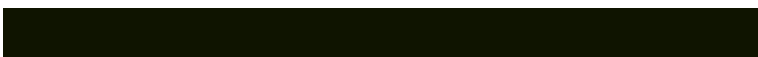
17.9474, 29.4191, 8.2230



7.9675, 8.6814, 8.0450



17.2869, 24.6090, 3.8389



0.4622, 0.6202, 0.0953

Inverse Universe

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



11.5966, 7.1416, 36.8456



16.9039, 8.4577, 66.2168



18.3783, 10.6377, 37.1629



7.2949, 7.3846, 9.4592



6.0531, 2.5039, 28.1398



0.1914, 0.0837, 0.6867

Previews

White Background



This preview shows how the XYZ color 24.9495, 33.0277, 8.5500 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 24.9495, 33.0277, 8.5500 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 24.9495, 33.0277, 8.5500

Background



This preview shows how black text looks on a background with the XYZ color 24.9495, 33.0277, 8.5500.



This preview shows how white text looks on a background with the XYZ color 24.9495, 33.0277,

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

24.9495, 33.0277, 8.5500

Protanopia

29.9416, 33.0146, 7.9263

Deuteranopia

33.3978, 32.8435, 8.8541



Tritanopia

31.4589, 32.8120, 41.2345

Trichromacy



Original Color

24.9495, 33.0277, 8.5500

Protanomaly

27.8886, 32.9666, 8.1421

Deuteranomaly

29.7186, 32.6324, 8.7353

Tritanomaly

28.1967, 32.5057, 24.5268

Monochromacy



Original Color

24.9495, 33.0277, 8.5500

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.6436, 29.7920, 19.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9495, 33.0277, 8.5500 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, 166, 54)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 54)  
}
```

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, 166, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 54) }
```

Border

The CSS property to change the border of an element to XYZ 24.9495, 33.0277, 8.5500 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, 166, 54) }
```


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

```
.border{ border-color:rgb(139, 166, 54) }
```

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

Here you see how a box with a 4 pixel rgb(139, 166, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 54);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9495, 33.0277, 8.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 54) }
```

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

```
.background{ background-color: rgb(139,  
166, 54) }
```

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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