

Converting Colors

XYZ(24.5955, 32.4678, 22.5306)

Have a look what the booklet for
XYZ(24.5955, 32.4678, 22.5306)
contains.

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Color

**XYZ(24.5737, 32.5263,
22.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	77A677
RGB	119, 166, 119
RGB Percent	47%, 65%, 47%
CMY	0.5333, 0.3490, 0.5333
CMYK	0.28, 0.00, 0.28, 0.35
HSL	120°, 21%, 56%
HSV	120°, 28%, 65%
XYZ	24.5737, 32.5263, 22.4358
YIQ	146.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

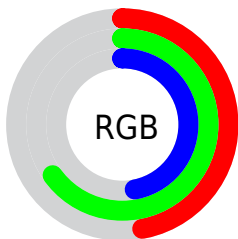
Format	Color
RYB	119, 166, 166
Decimal	7841399
CIELab	63.78, -25.33, 19.41
CIElCh	64, 31.916, 142.533
Yxy	32.5263, 0.3090, 0.4090
Android (android.graphics.Color)	4286031479 (0xFF77A677)
YUV	146.5890, -13.6014, -24.1956
Hunter-Lab	57.0318, -22.8942, 16.5981

Details

The XYZ color **24.5737, 32.5263, 22.4358** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.2067, 24.0544, 39.1812**, and the grayscale version is **27.6223, 29.0608, 31.6473**.

A 20% lighter version of the original color is **50.2204, 63.4238, 48.1232**, and **9.5770, 13.7420, 7.9421** is the 20% darker color. If you saturate the color by 10%, you get **21.5801, 31.0893, 17.5385**, and if you desaturate by 10%, it is **28.1411, 34.2409, 28.2703**.

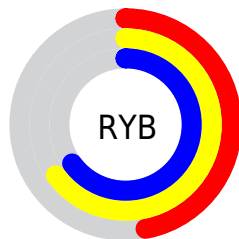
Distribution



Red (47%)

Green (65%)

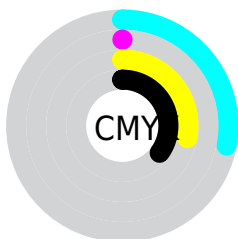
Blue (47%)



Red (47%)

Yellow (65%)

Blue (65%)

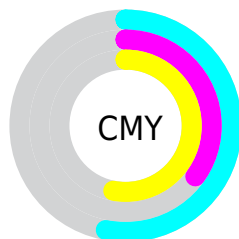


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (53%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5737, 32.5263, 22.4358 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 24.5737, 32.5263, 22.4358 by changing the saturation by 10% instead.

■ 24.5737, 32.5263,
22.4358

■ 24.5737, 32.5263,
22.4358

268.0952,
313.5098, 277.8411

■ 15.8868, 21.7638,
13.9761

■ 50.4127, 63.6353,
48.3766

■ 9.5344, 13.6835,
7.9655

■ 68.2954, 84.7505,
66.6948

■ 5.1512, 7.9008,
3.9854

■ 89.9742, 110.0855,
89.1363

■ 2.3719, 4.0316,
1.6173

115.8143,
140.0245, 116.1195

■ 0.8311, 1.6912,
0.3031

146.1811,
174.9521, 148.0631

■ 0.0000, 0.4180,
0.0000

181.4399,

■ 0.0000, 0.0000,

215.2526, 185.3855

0.0000

221.9562,
261.3103, 228.5053

■ 24.5737, 32.5263,
22.4358

■ 24.5737, 32.5263,
22.4358

■ 21.5801, 31.0893,
17.5385

■ 28.1411, 34.2409,
28.2703

■ 19.1279, 29.9114,
13.5276

■ 32.3075, 36.2422,
35.0850

■ 17.1857, 28.9785,
10.3507

■ 37.0993, 38.5440,
42.9228

■ 15.7176, 28.2732,
7.9492

■ 42.5409, 41.1579,
51.8235

■ 14.6829, 27.7762,
6.2567

■ 48.6554, 44.0950,
61.8246

■ 14.0343, 27.4647,
5.1958

■ 55.4646, 47.3657,
72.9621

■ 13.6873, 27.2980,
4.6281

■ 62.9893, 50.9803,
85.2699

■ 13.6369, 27.2738,
4.5458

■ 71.2497, 54.9482,
98.7810

■ 72.9269, 55.7538,
101.5256

Harmonies

Analogous

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



27.7323, 32.5263, 17.1758



24.5737, 32.5263, 22.4358



23.1412, 32.5263, 32.3074

Triad

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



24.5737, 32.5263, 22.4358



29.8100, 32.5263, 65.9160



39.5677, 32.5263, 26.7830

Complementary

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



24.5737, 32.5263, 22.4358



29.2067, 24.0544, 39.1812

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.



40.2603, 32.5263, 38.7171



24.5737, 32.5263, 22.4358



34.3329, 32.5263, 63.4168

Square

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



24.5737, 32.5263, 22.4358



25.9688, 32.5263, 58.8087



38.2636, 32.5263, 52.6292



36.4531, 32.5263, 19.2303

Rectangle

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



24.5737, 32.5263, 22.4358



23.2503, 32.5263, 41.0395



38.2636, 32.5263, 52.6292



40.1030, 32.5263, 30.3305

Sweetspot

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



24.5745, 32.5277, 22.4365



58.7671, 65.8378, 63.8936



32.6933, 36.7131, 22.8161



12.8866, 14.6063, 13.8657



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.



24.5745, 32.5277, 22.4365



41.0479, 57.3264, 34.9109



26.1650, 33.1638, 30.8115



7.4368, 8.4078, 8.0202



10.5742, 21.1485, 3.5249



0.2573, 0.5145, 0.0858

Inverse Universe

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



29.2067, 24.0544, 39.1812



50.8634, 39.3715, 70.3926



27.2438, 23.2692, 28.8447



7.8419, 7.6666, 9.4848



17.5317, 8.4214, 28.6753



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 24.5737, 32.5263, 22.4358 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 24.5737, 32.5263, 22.4358 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 24.5737, 32.5263, 22.4358

Background



This preview shows how black text looks on a background with the XYZ color 24.5737, 32.5263, 22.4358.



This preview shows how white text looks on a background with the XYZ color 24.5737, 32.5263,

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

24.5737, 32.5263, 22.4358

Protanopia

30.1099, 32.3254, 20.5721

Deuteranopia

32.7555, 32.1936, 23.2265



Tritanopia

28.8978, 32.4420, 43.7686

Trichromacy



Original Color

24.5737, 32.5263, 22.4358

Protanomaly

27.5920, 32.0106, 21.2474

Deuteranomaly

29.1388, 32.0159, 23.0563

Tritanomaly

27.1275, 32.5005, 34.9805

Monochromacy



Original Color

24.5737, 32.5263, 22.4358

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.3875, 30.2357, 28.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5737, 32.5263, 22.4358 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(119, 166, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 166, 119)  
}
```

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(119, 166, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 166, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.5737, 32.5263, 22.4358 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(119, 166, 119) }
```


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

```
.border{ border-color:rgb(119, 166, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 166, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 166, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 166, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 166,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5737, 32.5263, 22.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 166, 119) }
```

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

```
.background{ background-color: rgb(119,  
166, 119) }
```

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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