

Converting Colors

XYZ(24.6872, 29.0042, 22.0684)

Have a look what the booklet for
XYZ(24.6872, 29.0042, 22.0684)
contains.

XYZ(24.6101, 28.9634, 22.0627)	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(24.6101, 28.9634,
22.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	879878
RGB	135, 152, 120
RGB Percent	53%, 60%, 47%
CMY	0.4706, 0.4039, 0.5294
CMYK	0.11, 0.00, 0.21, 0.40
HSL	92°, 13%, 53%
HSV	92°, 21%, 60%
XYZ	24.6101, 28.9634, 22.0627
YIQ	143.2690, 0.1400, -13.5560

Conversions

Conversions Part 2

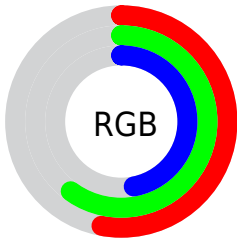
Format	Color
RYB	120, 152, 137
Decimal	8886392
CIELab	60.75, -12.13, 14.86
CIELCh	61, 19.179, 129.235
Yxy	28.9634, 0.3254, 0.3829
Android (android.graphics.Color)	4287076472 (0xFF879878)
YUV	143.2690, -11.4716, -7.2519
Hunter-Lab	53.8177, -12.5552, 13.3663

Details

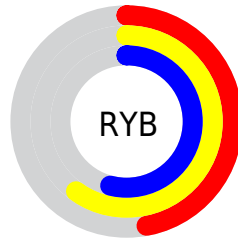
The XYZ color $24.6101, 28.9634, 22.0627$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.7016, 21.0191, 32.5678$, and the grayscale version is $26.2610, 27.6286, 30.0875$.

A 20% lighter version of the original color is $50.2567, 57.8125, 47.5398$, and $9.5373, 11.6936, 7.7157$ is the 20% darker color. If you saturate the color by 10%, you get $22.5096, 27.9797, 17.5253$, and if you desaturate by 10%, it is $26.9572, 30.0590, 27.3774$.

Distribution



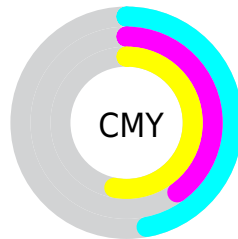
- Red (53%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (54%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6101, 28.9634, 22.0627 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 24.6101, 28.9634, 22.0627 by changing the saturation by 10% instead.

■ 24.6101, 28.9634,
22.0627

■ 24.6101, 28.9634,
22.0627

268.2742,
297.0422, 275.8377

■ 15.9140, 19.0531,
13.7042

■ 50.4714, 58.0189,
47.7531

■ 9.5538, 11.7087,
7.7788

■ 68.3674, 77.9330,
65.9221

■ 5.1641, 6.5456,
3.8680

■ 90.0606, 101.9504,
88.1984

■ 2.3796, 3.1796,
1.5532

115.9166,
130.4556, 115.0005

■ 0.8349, 1.2262,
0.2571

146.3006,
163.8330, 146.7470

■ 0.0000, 0.0830,
0.0000

181.5779,

■ 0.0000, 0.0000,

202.4670, 183.8563

0.0000

222.1140,
246.7419, 226.7470

■ 24.6101, 28.9634,
22.0627

■ 24.6101, 28.9634,
22.0627

■ 22.5096, 27.9797,
17.5253

■ 26.9572, 30.0590,
27.3774

■ 20.6444, 27.1003,
13.7268

■ 29.5571, 31.2665,
33.5014

■ 19.0054, 26.3222,
10.6285

■ 32.4187, 32.5905,
40.4674

■ 17.5823, 25.6411,
8.1875

■ 35.5497, 34.0343,
48.3056

■ 16.3635, 25.0521,
6.3559

■ 38.9576, 35.6012,
57.0448

■ 15.3363, 24.5498,
5.0797

■ 42.6492, 37.2942,
66.7124

■ 14.4859, 24.1278,
4.2950

■ 46.6316, 39.1162,
77.3347

■ 13.8453, 23.8065,
3.8654

■ 50.9111, 41.0700,
88.9369

■ 55.2023, 43.0416,
100.0061

Harmonies

Analogous

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



26.7676, 28.9634, 19.8453



24.6101, 28.9634, 22.0627



23.2901, 28.9634, 26.9201

Triad

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



24.6101, 28.9634, 22.0627



25.8659, 28.9634, 46.1743



32.5305, 28.9634, 29.3864

Complementary

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



24.6101, 28.9634, 22.0627



22.7016, 21.0191, 32.5678

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.



32.2530, 28.9634, 36.6520



24.6101, 28.9634, 22.0627



28.3044, 28.9634, 47.0998

Square

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



24.6101, 28.9634, 22.0627



23.9842, 28.9634, 41.0289



30.6697, 28.9634, 43.3946



31.4065, 28.9634, 23.6338

Rectangle

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



24.6101, 28.9634, 22.0627



23.0134, 28.9634, 31.3534



30.6697, 28.9634, 43.3946



32.5994, 28.9634, 31.7197

Sweetspot

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



24.6109, 28.9647, 22.0633



49.7884, 54.0814, 53.4754



25.2196, 25.7914, 21.4188



11.2555, 12.2638, 12.0115



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.6109, 28.9647, 22.0633



41.7421, 50.3290, 35.2263



22.3974, 27.8198, 22.1292



6.3936, 7.0604, 6.6317



11.6437, 19.9784, 3.2425



0.2156, 0.3201, 0.0504

Inverse Universe

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



22.7016, 21.0191, 32.5678



37.7877, 33.8740, 56.9804



25.2903, 22.3587, 32.4614



6.1820, 6.1797, 7.7959



7.6158, 3.3772, 25.1582



0.1558, 0.0721, 0.3781

Previews

White Background



This preview shows how the XYZ color 24.6101, 28.9634, 22.0627 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6101, 28.9634, 22.0627 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 × Fail

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

XYZ 24.6101, 28.9634, 22.0627

Background



This preview shows how black text looks on a background with the XYZ color 24.6101, 28.9634, 22.0627.



This preview shows how white text looks on a background with the XYZ color 24.6101, 28.9634,

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

24.6101, 28.9634, 22.0627

Protanopia

27.0073, 28.8107, 20.9672

Deuteranopia

29.3999, 28.8899, 22.4391



Tritanopia

27.5898, 28.9988, 36.4909

Trichromacy



Original Color

24.6101, 28.9634, 22.0627

Protanomaly

26.0727, 28.7837, 21.3212

Deuteranomaly

27.4812, 28.7994, 22.1996

Tritanomaly

26.4289, 28.9975, 30.5897

Monochromacy



Original Color

24.6101, 28.9634, 22.0627

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4673, 27.8825, 26.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6101, 28.9634, 22.0627 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(135, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(135, 152, 120)  
}
```

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(135, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 152, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.6101, 28.9634, 22.0627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

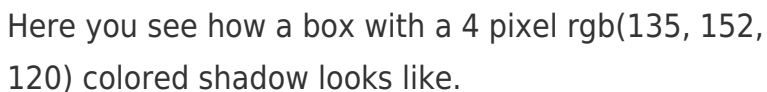
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 152, 120) }
```


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

```
.border{ border-color:rgb(135, 152, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(135, 152,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6101, 28.9634, 22.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 152, 120) }
```

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

```
.background{ background-color: rgb(135,  
152, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor