

Converting Colors

XYZ(27.4800, 37.4907, 22.5061)

Have a look what the booklet for
XYZ(27.4800, 37.4907, 22.5061)
contains.

XYZ(27.4435, 37.4102, 22.6041)	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(27.4435, 37.4102,
22.6041)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB275
RGB	124, 178, 117
RGB Percent	49%, 70%, 46%
CMY	0.5137, 0.3019, 0.5412
CMYK	0.30, 0.00, 0.34, 0.30
HSL	113°, 28%, 58%
HSV	113°, 34%, 70%
XYZ	27.4435, 37.4102, 22.6041
YIQ	154.9000, -12.6030, -30.4190

Conversions

Conversions Part 2

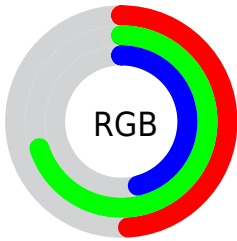
Format	Color
RYB	117, 178, 171
Decimal	8172149
CIELab	67.58, -29.80, 25.69
CIELCh	68, 39.343, 139.241
Yxy	37.4102, 0.3138, 0.4278
Android (android.graphics.Color)	4286362229 (0xFF7CB275)
YUV	154.9000, -18.6847, -27.0993
Hunter-Lab	61.1639, -26.9460, 20.9031

Details

The XYZ color **27.4435, 37.4102, 22.6041** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.1933, 24.5959, 45.2248**, and the grayscale version is **31.1963, 32.8210, 35.7420**.

A 20% lighter version of the original color is **55.0386, 71.2129, 48.8748**, and **11.1247, 16.5011, 8.0675** is the 20% darker color. If you saturate the color by 10%, you get **24.3969, 35.9503, 17.5082**, and if you desaturate by 10%, it is **31.0550, 39.1405, 28.7668**.

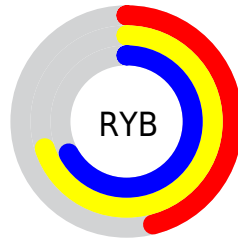
Distribution



Red (49%)

Green (70%)

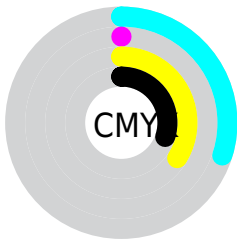
Blue (46%)



Red (46%)

Yellow (70%)

Blue (67%)

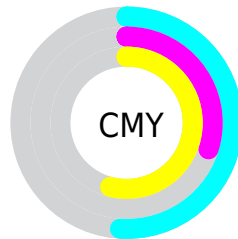


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4435, 37.4102, 22.6041 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 27.4435, 37.4102, 22.6041 by changing the saturation by 10% instead.

■ 27.4435, 37.4102,
22.6041

■ 27.4435, 37.4102,
22.6041

281.9267,
335.0831, 278.7407

■ 18.0449, 25.5253,
14.0989

■ 55.0096, 71.2032,
48.6574

■ 11.0821, 16.4688,
8.0500

■ 73.9078, 93.8801,
67.0425

■ 6.1898, 9.8565,
4.0387

■ 96.7033, 120.9230,
89.5581

■ 3.0026, 5.3039,
1.6466

123.7613,
152.7165, 116.6225

■ 1.1551, 2.4267,
0.3237

155.4473,
189.6448, 148.6545

■ 0.0705, 0.8396,
0.0000

192.1267,

■ 0.0000, 0.0000,

232.0924, 186.0725

0.0000

234.1646,
280.4437, 229.2951

■ 27.4435, 37.4102,
22.6041

■ 27.4435, 37.4102,
22.6041

■ 24.3969, 35.9503,
17.5082

■ 31.0550, 39.1405,
28.7668

■ 21.8837, 34.7427,
13.4163

■ 35.2551, 41.1489,
36.0496

■ 19.8738, 33.7743,
10.2628


■ 40.0696, 43.4486,
44.5049


■ 18.3329, 33.0290,
7.9732


■ 45.5217, 46.0508,
54.1814


■ 17.2222, 32.4888,
6.4619

■ 51.6338, 48.9658,
65.1248


 16.4966, 32.1324,
5.6256

 58.4270, 52.2036,
77.3786

 16.2183, 31.9954,
5.3209

 65.9213, 55.7737,
90.9842

 73.4187, 59.3982,
102.2032

 75.2111, 60.3222,
102.2870

Harmonies

Analogous

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



31.8550, 37.4102, 16.6568



27.4435, 37.4102, 22.6041



25.2971, 37.4102, 34.8176

Triad

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



27.4435, 37.4102, 22.6041



33.4267, 37.4102, 83.0843



47.7282, 37.4102, 30.6988

Complementary

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



27.4435, 37.4102, 22.6041



31.1933, 24.5959, 45.2248

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.



48.2729, 37.4102, 47.2839



27.4435, 37.4102, 22.6041



39.5358, 37.4102, 81.0472

Square

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



27.4435, 37.4102, 22.6041



28.4814, 37.4102, 71.5889



45.1307, 37.4102, 66.6269



43.7176, 37.4102, 20.3289

Rectangle

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



27.4435, 37.4102, 22.6041



25.2544, 37.4102, 46.3291



45.1307, 37.4102, 66.6269



48.3386, 37.4102, 35.6074

Sweetspot

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



27.4445, 37.4118, 22.6049



67.3697, 76.2611, 71.3901



36.1134, 39.8328, 22.6153



14.6626, 16.7699, 15.3551



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.4445, 37.4118, 22.6049



45.5608, 65.8246, 33.9370



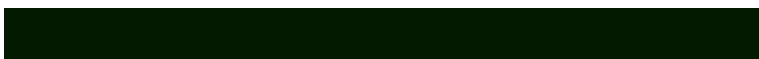
28.0196, 37.5291, 30.7274



8.4766, 9.5352, 9.0462



11.6325, 22.9068, 3.8084



0.3950, 0.7357, 0.1212

Inverse Universe

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



31.1933, 24.5959, 45.2248



53.3649, 39.0878, 81.1132



30.6069, 24.5422, 33.9671



8.7521, 8.5963, 10.7043



15.8132, 7.4878, 30.7488



0.5246, 0.2495, 0.9688

Previews

White Background



This preview shows how the XYZ color 27.4435, 37.4102, 22.6041 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 27.4435, 37.4102, 22.6041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

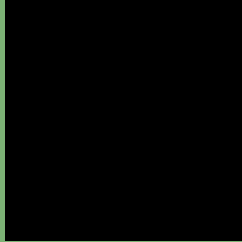
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4435, 37.4102, 22.6041

Background



This preview shows how black text looks on a background with the XYZ color 27.4435, 37.4102, 22.6041.



This preview shows how white text looks on a background with the XYZ color 27.4435, 37.4102,

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

27.4435, 37.4102, 22.6041

Protanopia

34.5048, 37.1636, 20.3936

Deuteranopia

37.8180, 36.9884, 23.5586



Tritanopia

33.0753, 37.4026, 50.2759

Trichromacy



Original Color

27.4435, 37.4102, 22.6041

Protanomaly

31.2692, 36.8373, 21.0850

Deuteranomaly

33.2075, 36.7013, 23.1031

Tritanomaly

30.7173, 37.2959, 38.3807

Monochromacy



Original Color

27.4435, 37.4102, 22.6041

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.4065, 34.0468, 30.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4435, 37.4102, 22.6041 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(124, 178, 117)` looks like.

```
.text, #text, p{  
    color:rgb(124, 178, 117)  
}
```

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(124, 178, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 178, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.4435, 37.4102, 22.6041 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(124, 178, 117) }
```


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

```
.border{ border-color:rgb(124, 178, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 178, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 178, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 178, 117);  
box-shadow:4px 4px 4px 4px rgb(124, 178,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4435, 37.4102, 22.6041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 178, 117) }
```

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

```
.background{ background-color: rgb(124,  
178, 117) }
```

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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