

Converting Colors

XYZ(24.3383, 22.2784, 47.2533)

Have a look what the booklet for
XYZ(24.3383, 22.2784, 47.2533)
contains.

XYZ(24.4035, 22.3047, 47.2750)	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(24.4035, 22.3047,
47.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7CB6
RGB	127, 124, 182
RGB Percent	50%, 49%, 71%
CMY	0.5020, 0.5137, 0.2863
CMYK	0.30, 0.32, 0.00, 0.29
HSL	243°, 28%, 60%
HSV	243°, 32%, 71%
XYZ	24.4035, 22.3047, 47.2750
YIQ	131.5090, -16.8300, 18.6740

Conversions

Conversions Part 2

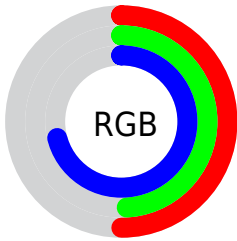
Format	Color
RYB	127, 124, 182
Decimal	8354998
CIELab	54.35, 14.56, -30.15
CIElCh	54, 33.486, 295.779
Yxy	22.3047, 0.2597, 0.2373
Android (android.graphics.Color)	4286545078 (0xFF7F7CB6)
YUV	131.5090, 24.8921, -3.9544
Hunter-Lab	47.2279, 9.5855, -26.2897

Details

The XYZ color **24.4035, 22.3047, 47.2750** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **38.9570, 44.4953, 25.6048**, and the grayscale version is **21.6740, 22.8027, 24.8322**.

A 20% lighter version of the original color is **50.0140, 47.0475, 87.3340**, and **9.4590, 8.1536, 21.8441** is the 20% darker color. If you saturate the color by 10%, you get **19.9758, 16.9434, 46.4739**, and if you desaturate by 10%, it is **29.6940, 28.7366, 48.2380**.

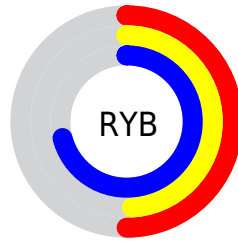
Distribution



Red (50%)

Green (49%)

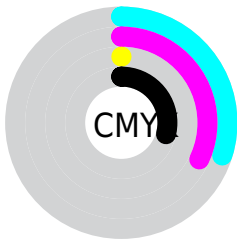
Blue (71%)



Red (50%)

Yellow (49%)

Blue (71%)

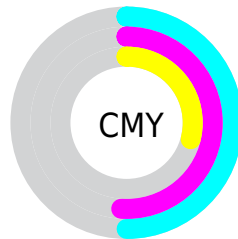


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4035, 22.3047, 47.2750 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 24.4035, 22.3047, 47.2750 by changing the saturation by 10% instead.

■ 24.4035, 22.3047,
47.2750

■ 24.4035, 22.3047,
47.2750

267.2569,
264.1334, 392.3366

■ 15.7596, 14.0810,
32.8972

■ 50.1378, 47.2491,
87.4782

■ 9.4439, 8.1770,
21.7772

■ 67.9588, 64.7385,
114.1408

■ 5.0913, 4.2084,
13.4966

■ 89.5695, 86.0853,
145.7353

■ 2.3362, 1.7908,
7.6366

115.3354,
111.6738, 182.6803

■ 0.8131, 0.4814,
3.7789

145.6217,
141.8885, 225.3945

■ 0.0000, 0.0000,
1.5049

180.7938,

■ 0.0000, 0.0000,

177.1138, 274.2962

0.2215

221.2171,
217.7339, 329.8041

■ 0.0000, 0.0000,
0.0000

■ 24.4035, 22.3047,
47.2750

■ 24.4035, 22.3047,
47.2750

■ 19.9758, 16.9434,
46.4739

■ 29.6940, 28.7366,
48.2380

■ 16.3630, 12.5921,
45.8245

■ 35.8872, 36.2901,
49.3696

■ 13.5159, 9.1883,
45.3175

■ 43.0234, 45.0160,
50.6777

■ 11.3793, 6.6614,
44.9424

■ 51.1397, 54.9612,
52.1696

■ 9.8904, 4.9307,
44.6868

■ 60.2713, 66.1702,
53.8519

■ 8.9754, 3.9010,
44.5363

■ 70.4514, 78.6852,
55.7309

■ 8.5614, 3.4382,
44.4688

■ 81.7121, 92.5463,
57.8129

■ 85.4436, 96.1574,
58.3132

Harmonies

Analogous

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



20.6872, 22.3047, 50.3763



24.4035, 22.3047, 47.2750



27.5539, 22.3047, 37.4456

Triad

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



24.4035, 22.3047, 47.2750



25.4003, 22.3047, 11.1617



14.9386, 22.3047, 22.8354

Complementary

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



24.4035, 22.3047, 47.2750



38.9570, 44.4953, 25.6048

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.



15.9066, 22.3047, 14.6392



24.4035, 22.3047, 47.2750



21.7211, 22.3047, 9.2422

Square

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



24.4035, 22.3047, 47.2750



28.1742, 22.3047, 16.5464



18.2898, 22.3047, 10.3030



15.4835, 22.3047, 34.1263

Rectangle

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



24.4035, 22.3047, 47.2750



28.7630, 22.3047, 29.5702



18.2898, 22.3047, 10.3030



15.0945, 22.3047, 19.6721

Sweetspot

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



24.4043, 22.3056, 47.2755



67.1369, 68.3267, 89.8856



32.8964, 39.9433, 50.2324



14.4495, 14.6283, 19.7836



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.4043, 22.3056, 47.2755



38.6385, 33.6468, 84.6937



29.3428, 24.8515, 47.5066



8.5629, 8.7410, 11.3153



6.0634, 2.4370, 31.4039



0.2284, 0.0934, 1.1077

Inverse Universe

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



34.6363, 27.6158, 46.1532



60.0491, 44.7621, 82.1837



32.9628, 41.4052, 25.3243



9.3603, 9.1545, 11.2449



18.9296, 9.1456, 28.5795



0.6735, 0.3249, 1.0400

Previews

White Background



This preview shows how the XYZ color 24.4035, 22.3047, 47.2750 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 24.4035, 22.3047, 47.2750 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 24.4035, 22.3047, 47.2750

Background



This preview shows how black text looks on a background with the XYZ color 24.4035, 22.3047, 47.2750.



This preview shows how white text looks on a background with the XYZ color 24.4035, 22.3047,

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

24.4035, 22.3047, 47.2750

Protanopia

23.1582, 22.3859, 48.9993

Deuteranopia

22.8697, 22.2852, 46.8122



Tritanopia

20.7415, 22.3775, 28.8173

Trichromacy



Original Color

24.4035, 22.3047, 47.2750

Protanomaly

23.5772, 22.4213, 48.4325

Deuteranomaly

23.4011, 22.3665, 46.7999

Tritanomaly

21.9621, 22.2724, 35.0398

Monochromacy



Original Color

24.4035, 22.3047, 47.2750

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5612, 22.6483, 32.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4035, 22.3047, 47.2750 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(127, 124, 182)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 182)  
}
```

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(127, 124, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 182) }
```

Border

The CSS property to change the border of an element to XYZ 24.4035, 22.3047, 47.2750 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(127, 124, 182) }
```


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

```
.border{ border-color:rgb(127, 124, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 182);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4035, 22.3047, 47.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 182) }
```

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

```
.background{ background-color: rgb(127,  
124, 182) }
```

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