

Converting Colors

XYZ(23.3110, 30.7985, 22.8053)

Have a look what the booklet for
XYZ(23.3110, 30.7985, 22.8053)
contains.

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Color

**XYZ(23.3110, 30.7985,
22.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	72A279
RGB	114, 162, 121
RGB Percent	45%, 64%, 47%
CMY	0.5529, 0.3647, 0.5255
CMYK	0.30, 0.00, 0.25, 0.36
HSL	129°, 21%, 54%
HSV	129°, 30%, 64%
XYZ	23.3110, 30.7985, 22.8053
YIQ	142.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

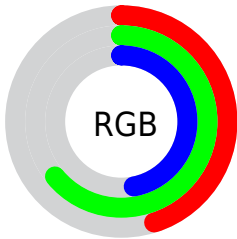
Format	Color
RYB	114, 156, 162
Decimal	7512697
CIELab	62.34, -24.68, 16.29
CIELCh	62, 29.575, 146.578
Yxy	30.7985, 0.3031, 0.4004
Android (android.graphics.Color)	4285702777 (0xFF72A279)
YUV	142.9740, -10.8332, -25.4102
Hunter-Lab	55.4964, -22.1406, 14.4833

Details

The XYZ color **23.3110, 30.7985, 22.8053** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.8351, 22.0834, 33.8599**, and the grayscale version is **26.1450, 27.5066, 29.9547**.

A 20% lighter version of the original color is **48.2920, 60.8583, 48.7367**, and **8.8600, 12.7097, 8.1171** is the 20% darker color. If you saturate the color by 10%, you get **20.5989, 29.4924, 18.5621**, and if you desaturate by 10%, it is **26.5197, 32.3483, 27.7086**.

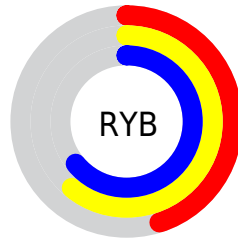
Distribution



Red (45%)

Green (64%)

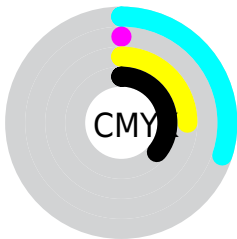
Blue (47%)



Red (45%)

Yellow (61%)

Blue (64%)

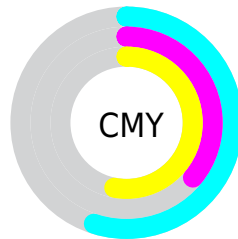


Cyan (30%)

Magenta (0%)

Yellow (25%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3110, 30.7985, 22.8053 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 23.3110, 30.7985, 22.8053 by changing the saturation by 10% instead.

■ 23.3110, 30.7985,
22.8053

■ 23.3110, 30.7985,
22.8053

261.8240,
305.6089, 279.8128

■ 14.9453, 20.4455,
14.2459

■ 48.3664, 60.9227,
48.9926

■ 8.8671, 12.7193,
8.1512

■ 65.7868, 81.4626,
67.4575

■ 4.7110, 7.2355,
4.1027

■ 86.9561, 106.1670,
90.0613

■ 2.1117, 3.6098,
1.6818

112.2397,
135.4202, 117.2225

■ 0.6956, 1.4578,
0.3482

142.0029,
169.6066, 149.3598

■ 0.0000, 0.2587,
0.0000

176.6111,

■ 0.0000, 0.0000,

209.1106, 186.8916

0.0000

216.4297,
254.3165, 230.2364

■ 23.3110, 30.7985,
22.8053

■ 23.3110, 30.7985,
22.8053

■ 20.5989, 29.4924,
18.5621

■ 26.5197, 32.3483,
27.7086

■ 18.3562, 28.4139,
14.9487

■ 30.2457, 34.1493,
33.2962

■ 16.5566, 27.5510,
11.9359

■ 34.5114, 36.2134,
39.5939

■ 15.1703, 26.8890,
9.4909

■ 39.3372, 38.5506,
46.6254

■ 14.1637, 26.4113,
7.5781

■ 44.7425, 41.1703,
54.4131

■ 13.4979, 26.0989,
6.1578

■ 50.7457, 44.0817,
62.9788

■ 13.0947, 25.9121,
5.1830

■ 57.3644, 47.2934,
72.3432

■ 13.0819, 25.9062,
5.1547

■ 64.6154, 50.8135,
82.5263

■ 70.7252, 53.7275,
93.4636

Harmonies

Analogous

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



25.9647, 30.7985, 17.4394



23.3110, 30.7985, 22.8053



22.2466, 30.7985, 32.2365

Triad

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



23.3110, 30.7985, 22.8053



28.8163, 30.7985, 60.6808



36.7050, 30.7985, 24.6123

Complementary

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



23.3110, 30.7985, 22.8053



26.8351, 22.0834, 33.8599

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.



37.6421, 30.7985, 34.8665



23.3110, 30.7985, 22.8053



32.8512, 30.7985, 57.3454

Square

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



23.3110, 30.7985, 22.8053



25.2374, 30.7985, 55.4855



36.1737, 30.7985, 47.1902



33.7174, 30.7985, 18.3037

Rectangle

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



23.3110, 30.7985, 22.8053



22.5024, 30.7985, 40.2205



36.1737, 30.7985, 47.1902



37.2814, 30.7985, 27.6335

Sweetspot

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



23.3118, 30.7998, 22.8060



55.2402, 62.1546, 60.9405



29.5918, 34.0851, 20.9395



12.1800, 13.8500, 13.3497



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.3118, 30.7998, 22.8060



38.7539, 54.1940, 35.8440



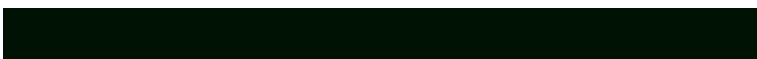
24.9254, 31.4452, 31.3030



7.0257, 7.9111, 7.7471



10.3162, 20.4128, 4.1154



0.2281, 0.4335, 0.1464

Inverse Universe

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



26.8351, 22.0834, 33.8599



46.2667, 35.5959, 59.4064



25.0561, 21.3718, 24.4919



7.3197, 7.1843, 8.6700



15.3866, 7.5107, 19.7585



0.3347, 0.1624, 0.4749

Previews

White Background



This preview shows how the XYZ color 23.3110, 30.7985, 22.8053 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 23.3110, 30.7985, 22.8053 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 23.3110, 30.7985, 22.8053

Background



This preview shows how black text looks on a background with the XYZ color 23.3110, 30.7985, 22.8053.



This preview shows how white text looks on a background with the XYZ color 23.3110, 30.7985,

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

23.3110, 30.7985, 22.8053

Protanopia

28.4981, 30.5241, 20.6094

Deuteranopia

31.1305, 30.4259, 23.6341



Tritanopia

27.1247, 30.8150, 41.5641

Trichromacy



Original Color

23.3110, 30.7985, 22.8053

Protanomaly

26.0942, 30.2352, 21.2903

Deuteranomaly

27.6536, 30.2639, 23.4528

Tritanomaly

25.5585, 30.6812, 33.8531

Monochromacy



Original Color

23.3110, 30.7985, 22.8053

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.7952, 28.4675, 27.1096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3110, 30.7985, 22.8053 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(114, 162, 121)` looks like.

```
.text, #text, p{  
    color:rgb(114, 162, 121)  
}
```

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(114, 162, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 162, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.3110, 30.7985, 22.8053 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(114, 162, 121) }
```


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

```
.border{ border-color:rgb(114, 162, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 162, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 162, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 162, 121);  
box-shadow:4px 4px 4px 4px rgb(114, 162,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3110, 30.7985, 22.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 162, 121) }
```

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

```
.background{ background-color: rgb(114,  
162, 121) }
```

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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