

Converting Colors

XYZ(22.2612, 30.6590, 29.2054)

Have a look what the booklet for
XYZ(22.2612, 30.6590, 29.2054)
contains.

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Color

**XYZ(22.2500, 30.6391,
29.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA48B
RGB	91, 164, 139
RGB Percent	36%, 64%, 55%
CMY	0.6431, 0.3569, 0.4549
CMYK	0.45, 0.00, 0.15, 0.36
HSL	159°, 29%, 50%
HSV	159°, 45%, 64%
XYZ	22.2500, 30.6391, 29.1673
YIQ	139.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

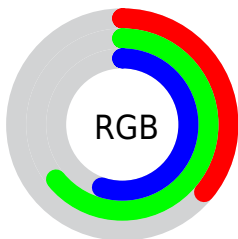
Format	Color
RYB	91, 135, 164
Decimal	6005899
CIELab	62.20, -28.92, 5.90
CIElCh	62, 29.520, 168.462
Yxy	30.6391, 0.2712, 0.3734
Android (android.graphics.Color)	4284195979 (0xFF5BA48B)
YUV	139.3230, -0.1592, -42.3793
Hunter-Lab	55.3526, -25.1157, 7.5048

Details

The XYZ color **22.2500, 30.6391, 29.1673** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.2043, 16.6364, 18.5650**, and the grayscale version is **24.6762, 25.9612, 28.2718**.

A 20% lighter version of the original color is **46.5230, 60.4885, 59.0926**, and **8.3603, 12.7029, 11.4625** is the 20% darker color. If you saturate the color by 10%, you get **20.4068, 29.7359, 26.9938**, and if you desaturate by 10%, it is **24.4693, 31.7353, 31.4698**.

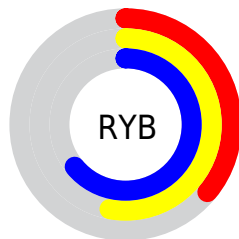
Distribution



Red (36%)

Green (64%)

Blue (55%)



Red (36%)

Yellow (53%)

Blue (64%)

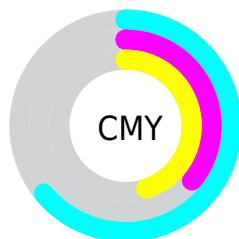


Cyan (45%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2500, 30.6391, 29.1673 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 22.2500, 30.6391, 29.1673 by changing the saturation by 10% instead.

■ 22.2500, 30.6391,
29.1673

■ 22.2500, 30.6391,
29.1673

256.4570,
304.8722, 312.0891

■ 14.1583, 20.3242,
18.9608

■ 46.6346, 60.6714,
59.3881

■ 8.3133, 12.6309,
11.4654

■ 63.6583, 81.1576,
80.2395

■ 4.3496, 7.1749,
6.2627

■ 84.3900, 105.8030,
105.4762

■ 1.9017, 3.5717,
2.9341

■ 109.1952,
134.9921, 135.5169

■ 0.5778, 1.4370,
1.0611

138.4391,
169.1091, 170.7799

■ 0.0000, 0.2438,
0.0000

172.4871,

■ 0.0000, 0.0000,

208.5385, 211.6840

0.0000

211.7046,
253.6648, 258.6475

■ 22.2500, 30.6391,
29.1673

■ 22.2500, 30.6391,
29.1673

■ 20.4068, 29.7359,
26.9938

■ 24.4693, 31.7353,
31.4698

■ 18.9136, 29.0100,
24.9446

■ 27.0836, 33.0319,
33.9018

■ 17.7449, 28.4489,
23.0173


■ 30.1136, 34.5403,
36.4665


■ 16.8704, 28.0372,
21.2088


■ 33.5777, 36.2700,
39.1664


■ 16.2533, 27.7559,
19.5158


■ 37.4933, 38.2298,
42.0036

 15.9740, 27.6312,
18.6327

 41.8766, 40.4281,
44.9806

 46.7432, 42.8729,
48.0994

 52.1078, 45.5719,
51.3621

 57.9847, 48.5321,
54.7709

Harmonies

Analogous

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



23.7618, 30.6391, 20.8382



22.2500, 30.6391, 29.1673



22.4505, 30.6391, 40.7921

Triad

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



22.2500, 30.6391, 29.1673



31.6123, 30.6391, 58.7598



34.4953, 30.6391, 19.5003

Complementary

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



22.2500, 30.6391, 29.1673



22.2043, 16.6364, 18.5650

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.



36.9983, 30.6391, 26.8917



22.2500, 30.6391, 29.1673



35.2321, 30.6391, 50.1023

Square

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



22.2500, 30.6391, 29.1673



27.6179, 30.6391, 59.7646



37.2796, 30.6391, 37.9381



30.6788, 30.6391, 16.1678

Rectangle

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



22.2500, 30.6391, 29.1673



23.5321, 30.6391, 48.9302



37.2796, 30.6391, 37.9381



35.5326, 30.6391, 21.5033

Sweetspot

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



22.2509, 30.6403, 29.1680



55.4119, 63.0695, 66.7978



22.4405, 31.0583, 14.7101



11.8414, 13.6522, 14.3824



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.



22.2509, 30.6403, 29.1680



37.1969, 54.0501, 49.1942



22.4156, 27.7044, 39.2894



7.1725, 7.9698, 8.5203



12.2705, 21.1946, 14.4070



0.2786, 0.4537, 0.4123

Inverse Universe

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



22.2043, 16.6364, 18.5650



37.1129, 25.4508, 27.5956



21.9455, 18.1415, 12.2430



7.1692, 7.1241, 7.8776



12.3098, 6.2800, 3.5562



0.2802, 0.1406, 0.1879

Previews

White Background



This preview shows how the XYZ color 22.2500, 30.6391, 29.1673 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 22.2500, 30.6391, 29.1673 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 22.2500, 30.6391, 29.1673

Background



This preview shows how black text looks on a background with the XYZ color 22.2500, 30.6391, 29.1673.

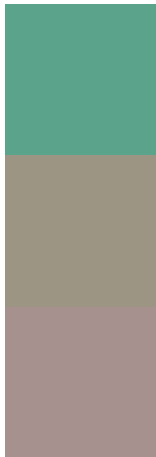


This preview shows how white text looks on a background with the XYZ color 22.2500, 30.6391,

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

22.2500, 30.6391, 29.1673

Protanopia

28.5545, 30.2015, 25.7972

Deuteranopia

30.8092, 30.3410, 30.2192



Tritanopia

25.1001, 30.4842, 43.5908

Trichromacy



Original Color

22.2500, 30.6391, 29.1673

Protanomaly

25.3744, 29.7380, 26.9569

Deuteranomaly

26.7582, 29.8984, 29.9519

Tritanomaly

24.0198, 30.5692, 37.8922

Monochromacy



Original Color

22.2500, 30.6391, 29.1673

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.2761, 27.1815, 28.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2500, 30.6391, 29.1673 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(91, 164, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 164, 139)  
}
```

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(91, 164, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 164, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.2500, 30.6391, 29.1673 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(91, 164, 139) }
```


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

```
.border{ border-color:rgb(91, 164, 139) }
```

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

Here you see how a box with a 4 pixel rgb(91, 164, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 164, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 164, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 164,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2500, 30.6391, 29.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 164, 139) }
```

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

```
.background{ background-color: rgb(91, 164,  
139) }
```

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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