

Converting Colors

XYZ(22.6911, 22.2021, 29.6241)

Have a look what the booklet for
XYZ(22.6911, 22.2021, 29.6241)
contains.

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Color

**XYZ(22.6482, 22.1696,
29.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	887E90
RGB	136, 126, 144
RGB Percent	53%, 49%, 56%
CMY	0.4667, 0.5059, 0.4353
CMYK	0.06, 0.12, 0.00, 0.44
HSL	273°, 7%, 53%
HSV	273°, 12%, 56%
XYZ	22.6482, 22.1696, 29.4710
YIQ	131.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

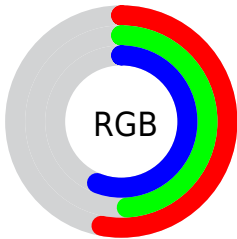
Format	Color
R_{YB}	136, 126, 144
Decimal	8945296
CIE _{Lab}	54.21, 7.37, -8.33
CIE _{LCh}	54, 11.118, 311.500
Yxy	22.1696, 0.3049, 0.2984
Android (android.graphics.Color)	4287135376 (0xFF887E90)
YUV	131.0420, 6.3883, 4.3482
Hunter-Lab	47.0846, 3.4624, -4.1513

Details

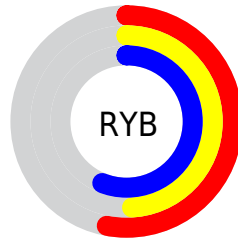
The XYZ color **22.6482, 22.1696, 29.4710** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5716, 26.5218, 23.6167**, and the grayscale version is **21.5668, 22.6900, 24.7094**.

A 20% lighter version of the original color is **47.2994, 47.1362, 60.0313**, and **8.5120, 8.0943, 11.7034** is the 20% darker color. If you saturate the color by 10%, you get **19.9292, 18.2289, 28.8540**, and if you desaturate by 10%, it is **25.6957, 26.6744, 30.1802**.

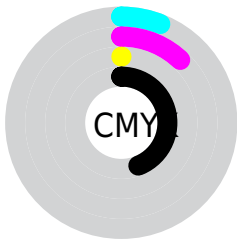
Distribution



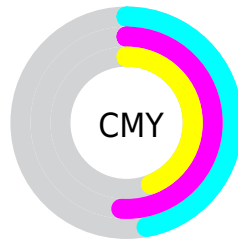
- Red (53%)
- Green (49%)
- Blue (56%)



- Red (53%)
- Yellow (49%)
- Blue (56%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6482, 22.1696, 29.4710 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 22.6482, 22.1696, 29.4710 by changing the saturation by 10% instead.

■ 22.6482, 22.1696,
29.4710

■ 22.6482, 22.1696,
29.4710

258.4821,
263.4307, 313.5610

■ 14.4532, 13.9816,
19.1888

■ 47.2859, 47.0261,
59.8757

■ 8.5204, 8.1078,
11.6286

■ 64.4594, 64.4635,
80.8352

■ 4.4843, 4.1640,
6.3718

■ 85.3564, 85.7527,
106.1909

■ 1.9796, 1.7657,
3.0001

110.3424,
111.2781, 136.3613

■ 0.6225, 0.4657,
1.0947

139.7825,
141.4243, 171.7650

■ 0.0000, 0.0000,
0.0000

174.0423,

176.5755, 212.8205

213.4870,
217.1162, 259.9463

■ 22.6482, 22.1696,
29.4710

■ 22.6482, 22.1696,
29.4710

■ 19.9292, 18.2289,
28.8540

■ 25.6957, 26.6744,
30.1802

■ 17.5244, 14.8263,
28.3240

■ 29.0813, 31.7621,
30.9838

■ 15.4213, 11.9380,
27.8773

■ 32.8167, 37.4542,
31.8856

■ 13.6055, 9.5373,
27.5097

■ 36.9126, 43.7703,
32.8889

■ 12.0618, 7.5950,
27.2161

■ 41.3788, 50.7291,
33.9967

10.7729, 6.0788,
26.9914

46.2251, 58.3483,
35.2119

9.7195, 4.9516,
26.8293

51.4607, 66.6453,
36.5374

8.8790, 4.1701,
26.7228

57.0946, 75.6364,
37.9759

8.3415, 3.7187,
26.6640

62.9423, 84.9515,
39.4657

Harmonies

Analogous

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



21.5380, 22.1696, 31.2609



22.6482, 22.1696, 29.4710



23.3516, 22.1696, 26.3115

Triad

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



22.6482, 22.1696, 29.4710



21.8171, 22.1696, 18.3648



18.8767, 22.1696, 25.4894

Complementary

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



22.6482, 22.1696, 29.4710



23.5716, 26.5218, 23.6167

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.



18.9450, 22.1696, 22.0893



22.6482, 22.1696, 29.4710



20.6119, 22.1696, 18.1902

Square

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



22.6482, 22.1696, 29.4710



22.8592, 22.1696, 19.9944



19.5698, 22.1696, 19.4922



19.3796, 22.1696, 28.8199

Rectangle

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



22.6482, 22.1696, 29.4710



23.4795, 22.1696, 23.9652



19.5698, 22.1696, 19.4922



18.8341, 22.1696, 24.3134

Sweetspot

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



22.6489, 22.1705, 29.4715



44.4302, 45.7209, 53.0213



22.1780, 23.5280, 29.7583



10.1003, 10.3533, 12.1382



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6489, 22.1705, 29.4715



38.5418, 37.0516, 51.6583



23.9286, 22.8382, 29.1737



5.3980, 5.3934, 6.7853



7.2912, 3.2523, 23.2206



0.0951, 0.0442, 0.2232

Inverse Universe

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



23.2664, 22.5733, 25.6864



39.8682, 37.9159, 43.5654



22.4025, 25.9124, 23.8665



5.5022, 5.4614, 6.1428



10.8335, 5.4904, 4.7743



0.1144, 0.0568, 0.1026

Previews

White Background



This preview shows how the XYZ color 22.6482, 22.1696, 29.4710 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 22.6482, 22.1696, 29.4710 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 22.6482, 22.1696, 29.4710

Background



This preview shows how black text looks on a background with the XYZ color 22.6482, 22.1696, 29.4710.



This preview shows how white text looks on a background with the XYZ color 22.6482, 22.1696,

29.4710.

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

22.6482, 22.1696, 29.4710

Protanopia

21.7910, 22.2879, 30.3476

Deuteranopia

22.6482, 22.1696, 29.4710



Tritanopia

22.0964, 22.1358, 26.7749

Trichromacy



Original Color

22.6482, 22.1696, 29.4710

Protanomaly

22.0359, 22.2285, 29.9172

Deuteranomaly

22.6482, 22.1696, 29.4710

Tritanomaly

22.3147, 22.2231, 27.9243

Monochromacy



Original Color

22.6482, 22.1696, 29.4710

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9671, 22.4646, 26.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6482, 22.1696, 29.4710 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(136, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 144)  
}
```

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(136, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.6482, 22.1696, 29.4710 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(136, 126, 144) }
```


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

```
.border{ border-color:rgb(136, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6482, 22.1696, 29.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 144) }
```

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

```
.background{ background-color: rgb(136,  
126, 144) }
```

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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