

Converting Colors

XYZ(22.6566, 25.9610, 30.3496)

Have a look what the booklet for
XYZ(22.6566, 25.9610, 30.3496)
contains.

XYZ(22.6150, 25.8821, 30.1894)	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(22.6150, 25.8821,
30.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	779090
RGB	119, 144, 144
RGB Percent	47%, 56%, 56%
CMY	0.5333, 0.4353, 0.4353
CMYK	0.17, 0.00, 0.00, 0.44
HSL	180°, 10%, 52%
HSV	180°, 17%, 56%
XYZ	22.6150, 25.8821, 30.1894
YIQ	136.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

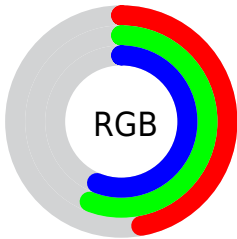
Format	Color
R_{YB}	119, 132, 144
Decimal	7835792
CIE _{Lab}	57.92, -8.81, -2.96
CIE _{LCh}	58, 9.296, 198.556
Yxy	25.8821, 0.2874, 0.3289
Android (android.graphics.Color)	4286025872 (0xFF779090)
YUV	136.5250, 3.6852, -15.3694
Hunter-Lab	50.8745, -9.6825, 0.4288

Details

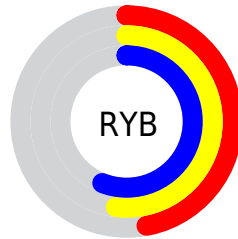
The XYZ color **22.6150, 25.8821, 30.1894** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4291, 20.4554, 20.2726**, and the grayscale version is **23.5899, 24.8184, 27.0273**.

A 20% lighter version of the original color is **47.4004, 53.2360, 61.2034**, and **8.5489, 10.1157, 12.0916** is the 20% darker color. If you saturate the color by 10%, you get **20.7867, 24.9403, 30.1039**, and if you desaturate by 10%, it is **24.7443, 26.9805, 30.2901**.

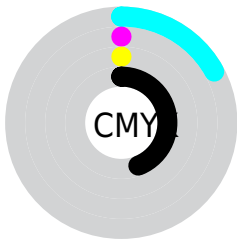
Distribution



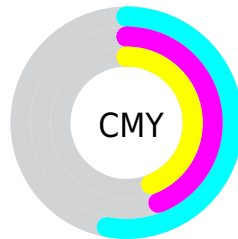
- Red (47%)
- Green (56%)
- Blue (56%)



- Red (47%)
- Yellow (52%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6150, 25.8821, 30.1894 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 22.6150, 25.8821, 30.1894 by changing the saturation by 10% instead.

■ 22.6150, 25.8821,
30.1894

■ 22.6150, 25.8821,
30.1894

258.3138,
282.2028, 317.0210

■ 14.4286, 16.7355,
19.7291

■ 47.2317, 53.0847,
61.0261

■ 8.5031, 10.0461,
12.0162

■ 64.3927, 71.9094,
82.2396

■ 4.4730, 5.4295,
6.6320

■ 85.2760, 94.7290,
107.8746

■ 1.9730, 2.5014,
3.1581

110.2469,
121.9277, 138.3497

■ 0.6188, 0.8773,
1.1759

139.6708,
153.8901, 174.0833

■ 0.0000, 0.0000,
0.0000

173.9130,

191.0005, 215.4941

213.3389,
233.6433, 263.0004

■ 22.6150, 25.8821,
30.1894

■ 22.6150, 25.8821,
30.1894

■ 20.7867, 24.9403,
30.1039

■ 24.7443, 26.9805,
30.2901

■ 19.2436, 24.1448,
30.0312

■ 27.1849, 28.2387,
30.4048

■ 17.9722, 23.4894,
29.9712

■ 29.9495, 29.6638,
30.5347

■ 16.9567, 22.9658,
29.9231

■ 33.0492, 31.2618,
30.6803

■ 16.1797, 22.5653,
29.8863

■ 36.4948, 33.0381,
30.8420

■ 15.6217, 22.2777,
29.8597

■ 40.2966, 34.9979,
31.0204

■ 15.2604, 22.0914,
29.8422

■ 44.4642, 37.1464,
31.2160

■ 15.0547, 21.9854,
29.8321

■ 49.0072, 39.4884,
31.4291

■ 15.0071, 21.9609,
29.8297

■ 53.9346, 42.0285,
31.6602

Harmonies

Analogous

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



22.5497, 25.8821, 26.9755



22.6150, 25.8821, 30.1894



23.2025, 25.8821, 33.0607

Triad

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



22.6150, 25.8821, 30.1894



26.2496, 25.8821, 32.4626



25.0298, 25.8821, 22.5594

Complementary

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



22.6150, 25.8821, 30.1894



21.4291, 20.4554, 20.2726

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.



26.0529, 25.8821, 23.8071



22.6150, 25.8821, 30.1894



26.7713, 25.8821, 29.4224

Square

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



22.6150, 25.8821, 30.1894



25.2917, 25.8821, 34.4402



26.6982, 25.8821, 26.2641



23.9213, 25.8821, 22.7305

Rectangle

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



22.6150, 25.8821, 30.1894



23.8214, 25.8821, 34.3189



26.6982, 25.8821, 26.2641



25.3957, 25.8821, 22.8227

Sweetspot

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



22.6157, 25.8832, 30.1900



44.5649, 48.0612, 53.4655



20.9688, 25.2310, 21.2179



10.1600, 10.9907, 12.2580



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.



22.6157, 25.8832, 30.1900



38.5122, 44.9409, 53.1808



20.8824, 22.4162, 29.6130



5.5603, 6.1163, 6.9162



13.0678, 19.1230, 25.9751



0.1249, 0.1828, 0.2484

Inverse Universe

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



21.4291, 20.4554, 20.2726



36.0003, 33.4521, 32.1887



22.9598, 23.5171, 20.7822



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4691



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 22.6150, 25.8821, 30.1894 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 22.6150, 25.8821, 30.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

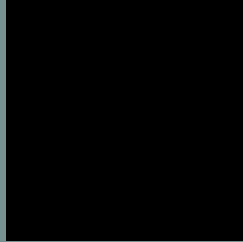
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6150, 25.8821, 30.1894

Background



This preview shows how black text looks on a background with the XYZ color 22.6150, 25.8821, 30.1894.



This preview shows how white text looks on a background with the XYZ color 22.6150, 25.8821,

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

22.6150, 25.8821, 30.1894

Protanopia

24.8807, 25.7628, 28.8607

Deuteranopia

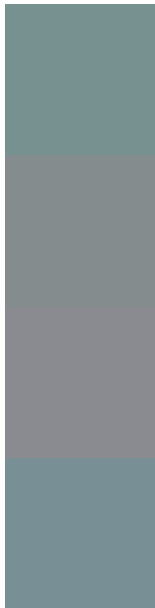
26.2467, 25.7928, 30.7893



Tritanopia

23.3909, 25.7440, 34.3081

Trichromacy



Original Color

22.6150, 25.8821, 30.1894

Protanomaly

23.9334, 25.6957, 29.2895

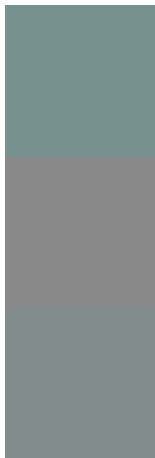
Deuteranomaly

24.6805, 25.6246, 30.4333

Tritanomaly

23.0732, 25.8400, 32.6257

Monochromacy



Original Color

22.6150, 25.8821, 30.1894

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3176, 25.3954, 28.4838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6150, 25.8821, 30.1894 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(119, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 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(119, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.6150, 25.8821, 30.1894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

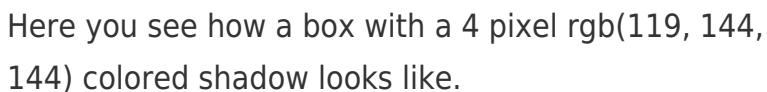
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 144, 144) }
```


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

```
.border{ border-color:rgb(119, 144, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 144, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 144, 144); box-shadow:4px 4px 4px 4px rgb(119, 144, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6150, 25.8821, 30.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 144) }
```

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

```
.background{ background-color: rgb(119,  
144, 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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