

Converting Colors

XYZ(22.7492, 26.5875, 26.6252)

Have a look what the booklet for
XYZ(22.7492, 26.5875, 26.6252)
contains.

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Color

**XYZ(22.6080, 26.4166,
26.4616)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9286
RGB	122, 146, 134
RGB Percent	48%, 57%, 53%
CMY	0.5216, 0.4274, 0.4745
CMYK	0.16, 0.00, 0.08, 0.43
HSL	150°, 10%, 53%
HSV	150°, 16%, 57%
XYZ	22.6080, 26.4166, 26.4616
YIQ	137.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

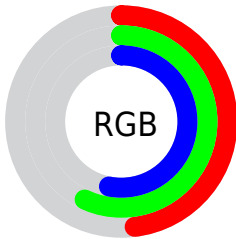
Format	Color
R_{YB}	122, 138, 146
Decimal	8032902
CIE Lab	58.43, -11.02, 3.52
CIE LCh	58, 11.571, 162.297
Yxy	26.4166, 0.2995, 0.3500
Android (android.graphics.Color)	4286222982 (0xFF7A9286)
YUV	137.4560, -1.7038, -13.5549
Hunter-Lab	51.3971, -11.4282, 5.4527

Details

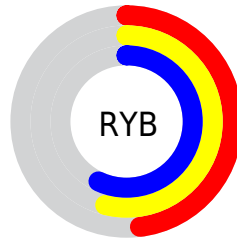
The XYZ color **22.6080, 26.4166, 26.4616** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1176, 21.7519, 25.5356**, and the grayscale version is **23.9602, 25.2080, 27.4515**.

A 20% lighter version of the original color is **47.3031, 54.0104, 54.9456**, and **8.4401, 10.2410, 9.9194** is the 20% darker color. If you saturate the color by 10%, you get **20.2024, 25.2340, 23.7823**, and if you desaturate by 10%, it is **25.3609, 27.7756, 29.3418**.

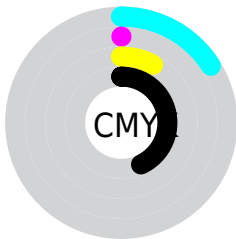
Distribution



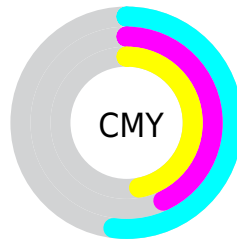
- Red (48%)
- Green (57%)
- Blue (53%)



- Red (48%)
- Yellow (54%)
- Blue (57%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (52%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6080, 26.4166, 26.4616 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 22.6080, 26.4166, 26.4616 by changing the saturation by 10% instead.

■ 22.6080, 26.4166,
26.4616

■ 22.6080, 26.4166,
26.4616

258.2783,
284.8212, 298.7180

■ 14.4234, 17.1356,
16.9404

■ 47.2203, 53.9463,
55.0119

■ 8.4994, 10.3312,
10.0305

■ 64.3787, 72.9637,
74.8781

■ 4.4706, 5.6191,
5.3133

■ 85.2591, 95.9953,
99.0297

■ 1.9717, 2.6149,
2.3703

110.2268,
123.4256, 127.8853

■ 0.6180, 0.9342,
0.7702

139.6472,
155.6390, 161.8633

■ 0.0000, 0.0000,
0.0000

173.8857,

193.0198, 201.3825

213.3076,
235.9524, 246.8612

■ 22.6080, 26.4166,
26.4616

■ 22.6080, 26.4166,
26.4616

■ 20.2024, 25.2340,
23.7823

■ 25.3609, 27.7756,
29.3418

■ 18.1272, 24.2171,
21.2978

■ 28.4725, 29.3147,
32.4254

■ 16.3678, 23.3590,
19.0041

■ 31.9564, 31.0414,
35.7170

■ 14.9072, 22.6512,
16.8966

■ 35.8248, 32.9621,
39.2206

■ 13.7269, 22.0841,
14.9703

■ 40.0894, 35.0827,
42.9399

■ 12.8061, 21.6472,
13.2201

■ 44.7613, 37.4088,
46.8789

■ 12.1211, 21.3283,
11.6404

■ 49.8512, 39.9459,
51.0410

■ 11.6349, 21.1085,
10.2249

■ 55.3694, 42.6992,
55.4298

■ 11.4818, 21.0398,
9.7584

■ 61.3259, 45.6739,
60.0488

Harmonies

Analogous

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



23.3239, 26.4166, 23.3835



22.6080, 26.4166, 26.4616



22.5462, 26.4166, 30.4524

Triad

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



22.6080, 26.4166, 26.4616



25.6913, 26.4166, 37.0546



27.1717, 26.4166, 23.8384

Complementary

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



22.6080, 26.4166, 26.4616



23.1176, 21.7519, 25.5356

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.



27.8572, 26.4166, 27.1377



22.6080, 26.4166, 26.4616



26.9812, 26.4166, 34.9105

Square

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



22.6080, 26.4166, 26.4616



24.2911, 26.4166, 36.8302



27.7862, 26.4166, 31.1945



25.9434, 26.4166, 21.9695

Rectangle

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



22.6080, 26.4166, 26.4616



22.8811, 26.4166, 33.1239



27.7862, 26.4166, 31.1945



27.4753, 26.4166, 24.8030

Sweetspot

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



22.6087, 26.4177, 26.4622



45.4347, 49.3415, 52.4668



23.6881, 27.0654, 22.3883



10.0347, 10.9406, 11.5982



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.



22.6087, 26.4177, 26.4622



38.1277, 45.7375, 44.7638



23.4631, 26.7594, 30.9611



5.8433, 6.5139, 6.7855



10.1148, 18.5187, 8.6462



0.1387, 0.2326, 0.1840

Inverse Universe

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



23.1176, 21.7519, 25.5356



39.2119, 35.7967, 42.7895



22.3521, 21.4457, 21.5043



5.9145, 5.8609, 6.6558



11.5014, 5.8056, 6.1212



0.1556, 0.0770, 0.1531

Previews

White Background



This preview shows how the XYZ color 22.6080, 26.4166, 26.4616 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 22.6080, 26.4166, 26.4616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

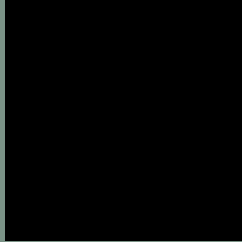
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6080, 26.4166, 26.4616

Background



This preview shows how black text looks on a background with the XYZ color 22.6080, 26.4166, 26.4616.



This preview shows how white text looks on a background with the XYZ color 22.6080, 26.4166,

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

22.6080, 26.4166, 26.4616

Protanopia

25.1519, 26.4146, 25.2456

Deuteranopia

26.7657, 26.3545, 26.9688



Tritanopia

24.2594, 26.4136, 34.3916

Trichromacy



Original Color

22.6080, 26.4166, 26.4616

Protanomaly

24.1544, 26.3303, 25.6390

Deuteranomaly

25.0790, 26.3451, 26.6850

Tritanomaly

23.6972, 26.4131, 31.4530

Monochromacy



Original Color

22.6080, 26.4166, 26.4616

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3377, 25.4393, 26.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6080, 26.4166, 26.4616 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(122, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 134)  
}
```

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(122, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.6080, 26.4166, 26.4616 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(122, 146, 134) }
```


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

```
.border{ border-color:rgb(122, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6080, 26.4166, 26.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 134) }
```

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

```
.background{ background-color: rgb(122,  
146, 134) }
```

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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