

Converting Colors

XYZ(20.4575, 26.9908, 25.2506)

Have a look what the booklet for
XYZ(20.4575, 26.9908, 25.2506)
contains.

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Color

**XYZ(20.4575, 26.9908,
25.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	629982
RGB	98, 153, 130
RGB Percent	38%, 60%, 51%
CMY	0.6157, 0.4000, 0.4902
CMYK	0.36, 0.00, 0.15, 0.40
HSL	155°, 22%, 49%
HSV	155°, 36%, 60%
XYZ	20.4575, 26.9908, 25.2506
YIQ	133.9330, -25.3970, -18.8130

Conversions

Conversions Part 2

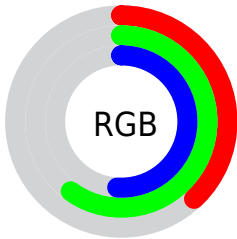
Format	Color
R_{YB}	98, 133, 153
Decimal	6461826
CIE _{Lab}	58.97, -23.48, 6.38
CIE _{LCh}	59, 24.333, 164.811
Yxy	26.9908, 0.2814, 0.3713
Android (android.graphics.Color)	4284651906 (0xFF629982)
YUV	133.9330, -1.9390, -31.5132
Hunter-Lab	51.9527, -20.6289, 7.5501

Details

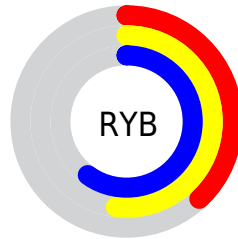
The XYZ color **20.4575, 26.9908, 25.2506** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9567, 16.8889, 20.2456**, and the grayscale version is **22.6495, 23.8291, 25.9499**.

A 20% lighter version of the original color is **43.8656, 55.1100, 53.1251**, and **7.4555, 10.7252, 9.4618** is the 20% darker color. If you saturate the color by 10%, you get **18.5457, 26.0540, 22.9887**, and if you desaturate by 10%, it is **22.7131, 28.1031, 27.6692**.

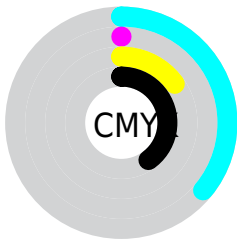
Distribution



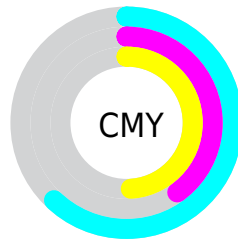
- Red (38%)
- Green (60%)
- Blue (51%)



- Red (38%)
- Yellow (52%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4575, 26.9908, 25.2506 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 20.4575, 26.9908, 25.2506 by changing the saturation by 10% instead.

■ 20.4575, 26.9908,
25.2506

■ 20.4575, 26.9908,
25.2506

247.1678,
287.6126, 292.5712

■ 12.8382, 17.5663,
16.0431

■ 43.6810, 54.8691,
53.0326

■ 7.3935, 10.6391,
9.4000

■ 60.0160, 74.0917,
72.4443

■ 3.7579, 5.8247,
4.9026

■ 79.9869, 97.3491,
96.0944

■ 1.5661, 2.7388,
2.1325

■ 103.9590,
125.0258, 124.4016

■ 0.3702, 0.9969,
0.6350

132.2979,
157.5061, 157.7843

■ 0.0000, 0.0000,
0.0000

165.3687,

195.1744, 196.6611

203.5369,
238.4151, 241.4505

■ 20.4575, 26.9908,
25.2506

■ 20.4575, 26.9908,
25.2506

■ 18.5457, 26.0540,
22.9887

■ 22.7131, 28.1031,
27.6692

■ 16.9569, 25.2801,
20.8784

■ 25.3273, 29.3965,
30.2458

■ 15.6716, 24.6596,
18.9166

■ 28.3169, 30.8802,
32.9844

■ 14.6669, 24.1808,
17.0996

■ 31.6966, 32.5617,
35.8878

■ 13.9166, 23.8303,
15.4235

■ 35.4807, 34.4484,
38.9590

■ 13.3840, 23.5893,
13.8837

■ 39.6824, 36.5471,
42.2009

■ 13.1956, 23.5049,
13.2962

■ 44.3146, 38.8643,
45.6162

■ 49.3894, 41.4062,
49.2076

■ 54.9185, 44.1788,
52.9778

Harmonies

Analogous

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



21.7824, 26.9908, 19.1159



20.4575, 26.9908, 25.2506



20.4490, 26.9908, 33.8388

Triad

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



20.4575, 26.9908, 25.2506



27.1642, 26.9908, 48.5326



29.9891, 26.9908, 19.1741

Complementary

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



20.4575, 26.9908, 25.2506



20.9567, 16.8889, 20.2456

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.



31.6747, 26.9908, 25.3464



20.4575, 26.9908, 25.2506



29.9591, 26.9908, 42.8063

Square

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



20.4575, 26.9908, 25.2506



24.1652, 26.9908, 48.4930



31.6633, 26.9908, 33.9552



27.2026, 26.9908, 16.1042

Rectangle

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



20.4575, 26.9908, 25.2506



21.1837, 26.9908, 39.9185



31.6633, 26.9908, 33.9552



30.7126, 26.9908, 20.8950

Sweetspot

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



20.4582, 26.9919, 25.2512



47.8036, 53.8572, 56.4481



21.5992, 27.7909, 15.7815



10.4129, 11.8214, 12.3328



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.4582, 26.9919, 25.2512



33.8813, 46.9854, 41.9959



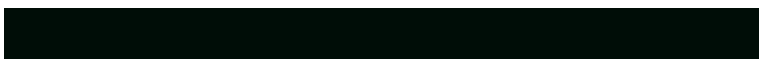
21.5879, 26.4982, 34.1151



6.2752, 6.9828, 7.3728



10.9223, 19.4324, 11.0776



0.1814, 0.2978, 0.2609

Inverse Universe

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



20.9567, 16.8889, 20.2456



34.9096, 26.1965, 31.7092



20.0610, 17.0922, 13.7975



6.3106, 6.2634, 7.0157



11.6378, 5.9094, 4.6179



0.1915, 0.0954, 0.1614

Previews

White Background



This preview shows how the XYZ color 20.4575, 26.9908, 25.2506 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 20.4575, 26.9908, 25.2506 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 20.4575, 26.9908, 25.2506

Background



This preview shows how black text looks on a background with the XYZ color 20.4575, 26.9908, 25.2506.

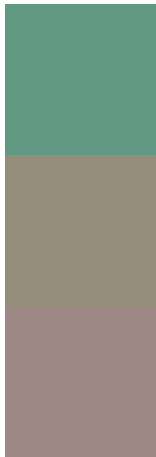


This preview shows how white text looks on a background with the XYZ color 20.4575, 26.9908,

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

20.4575, 26.9908, 25.2506

Protanopia

25.3757, 26.8009, 22.9044

Deuteranopia

27.1383, 26.5709, 25.8886



Tritanopia

23.0062, 27.0714, 37.7310

Trichromacy



Original Color

20.4575, 26.9908, 25.2506

Protanomaly

23.0972, 26.5030, 23.6369

Deuteranomaly

23.9912, 26.2462, 25.6313

Tritanomaly

21.8909, 26.8395, 32.8809

Monochromacy



Original Color

20.4575, 26.9908, 25.2506

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6437, 24.8082, 25.8380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4575, 26.9908, 25.2506 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(98, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(98, 153, 130)  
}
```

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(98, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.4575, 26.9908, 25.2506 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(98, 153, 130) }
```


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

```
.border{ border-color:rgb(98, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4575, 26.9908, 25.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 130) }
```

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

```
.background{ background-color: rgb(98, 153,  
130) }
```

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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