

Converting Colors

XYZ(20.3129, 22.8358, 20.3600)

Have a look what the booklet for
XYZ(20.3129, 22.8358, 20.3600)
contains.

XYZ(20.2526, 22.7182, 20.4572)	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(20.2526, 22.7182,
20.4572)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8676
RGB	125, 134, 118
RGB Percent	49%, 53%, 46%
CMY	0.5098, 0.4745, 0.5373
CMYK	0.07, 0.00, 0.12, 0.47
HSL	94°, 6%, 49%
HSV	94°, 12%, 53%
XYZ	20.2526, 22.7182, 20.4572
YIQ	129.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

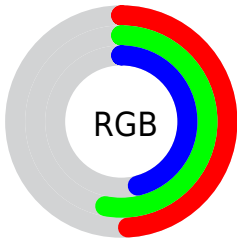
Format	Color
RYB	118, 134, 127
Decimal	8226422
CIELab	54.78, -6.45, 7.49
CIELCh	55, 9.881, 130.737
Yxy	22.7182, 0.3193, 0.3582
Android (android.graphics.Color)	4286416502 (0xFF7D8676)
YUV	129.4850, -5.6621, -3.9333
Hunter-Lab	47.6636, -7.5654, 7.9173

Details

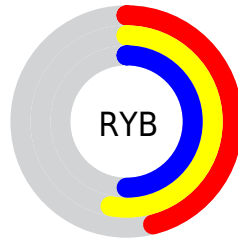
The XYZ color **20.2526, 22.7182, 20.4572** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5348, 19.1908, 25.2301**, and the grayscale version is **21.0564, 22.1529, 24.1245**.

A 20% lighter version of the original color is **43.3861, 47.9079, 44.9907**, and **7.2563, 8.3193, 7.0177** is the 20% darker color. If you saturate the color by 10%, you get **18.4533, 21.8768, 16.5074**, and if you desaturate by 10%, it is **22.2499, 23.6499, 25.0079**.

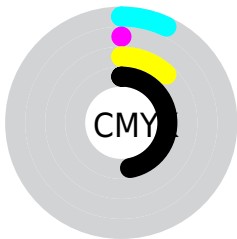
Distribution



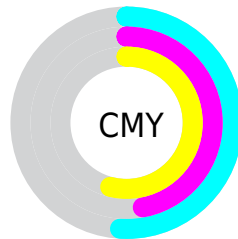
- Red (49%)
- Green (53%)
- Blue (46%)



- Red (46%)
- Yellow (53%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2526, 22.7182, 20.4572 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 20.2526, 22.7182, 20.4572 by changing the saturation by 10% instead.

■ 20.2526, 22.7182,
20.4572

■ 20.2526, 22.7182,
20.4572

246.0869,
266.2743, 267.0652

■ 12.6881, 14.3856,
12.5405

■ 43.3410, 47.9302,
45.0514

■ 7.2897, 8.3893,
6.9859

■ 59.5956, 65.5783,
62.5659

■ 3.6918, 4.3451,
3.3750

■ 79.4777, 87.1005,
84.1168

■ 1.5293, 1.8684,
1.2891

103.3525,
112.8809, 110.1226

■ 0.3456, 0.5293,
0.0529

131.5855,
143.3042, 141.0017

■ 0.0000, 0.0000,
0.0000

164.5420,

178.7545, 177.1729

202.5874,
219.6164, 219.0545

■ 20.2526, 22.7182,
20.4572

■ 20.2526, 22.7182,
20.4572

■ 18.4533, 21.8768,
16.5074

■ 22.2499, 23.6499,
25.0079

■ 16.8434, 21.1200,
13.1318

■ 24.4495, 24.6716,
30.1815

■ 15.4168, 20.4456,
10.3041

■ 26.8581, 25.7869,
36.0009

■ 14.1657, 19.8505,
7.9953

■ 29.4813, 26.9984,
42.4872

■ 13.0823, 19.3312,
6.1737

■ 32.3245, 28.3083,
49.6609

■ 12.1577, 18.8839,
4.8042

■ 35.3932, 29.7190,
57.5411

■ 11.3822, 18.5045,
3.8469

■ 38.6922, 31.2327,
66.1467

■ 10.7444, 18.1881,
3.2549

■ 42.2265, 32.8514,
75.4954

■ 10.3065, 17.9692,
2.9252

■ 46.0010, 34.5774,
85.6047

Harmonies

Analogous

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



21.2045, 22.7182, 19.2902



20.2526, 22.7182, 20.4572



19.6724, 22.7182, 22.8065

Triad

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



20.2526, 22.7182, 20.4572



20.9082, 22.7182, 30.8528



23.7205, 22.7182, 23.6337

Complementary

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



20.2526, 22.7182, 20.4572



19.5348, 19.1908, 25.2301

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.



23.6346, 22.7182, 26.7719



20.2526, 22.7182, 20.4572



21.9862, 22.7182, 31.1215

Square

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



20.2526, 22.7182, 20.4572



20.0420, 22.7182, 28.8681



22.9912, 22.7182, 29.5739



23.2219, 22.7182, 21.0188

Rectangle

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



20.2526, 22.7182, 20.4572



19.5624, 22.7182, 24.8136



22.9912, 22.7182, 29.5739



23.7594, 22.7182, 24.6591

Sweetspot

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



20.2532, 22.7192, 20.4577



38.4152, 41.3012, 42.2472



20.6660, 21.5044, 20.2015



8.6005, 9.2796, 9.3935



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.2532, 22.7192, 20.4577



34.9010, 39.6618, 34.3017



19.3148, 22.2299, 20.6631



4.7953, 5.2970, 4.9991



9.6702, 16.8451, 2.7418



0.0416, 0.0626, 0.0099

Inverse Universe

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



19.5348, 19.1908, 25.2301



33.4081, 32.3302, 44.2180



20.5583, 19.7248, 24.9877



4.6664, 4.6641, 5.8551



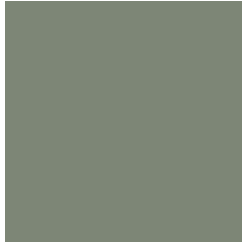
6.7926, 3.0359, 21.3647



0.0319, 0.0148, 0.0744

Previews

White Background



This preview shows how the XYZ color 20.2526, 22.7182, 20.4572 looks on a white background.

Color Contrast Check

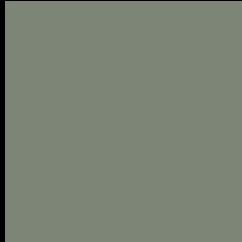
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2526, 22.7182, 20.4572 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

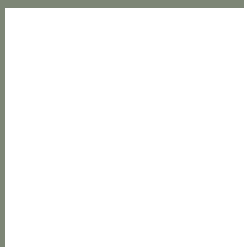
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2526, 22.7182, 20.4572

Background



This preview shows how black text looks on a background with the XYZ color 20.2526, 22.7182, 20.4572.



This preview shows how white text looks on a background with the XYZ color 20.2526, 22.7182,

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

20.2526, 22.7182, 20.4572

Protanopia

21.5852, 22.8119, 19.7885

Deuteranopia

23.0638, 22.5737, 20.9109



Tritanopia

21.9773, 22.8228, 28.4462

Trichromacy



Original Color

20.2526, 22.7182, 20.4572

Protanomaly

21.1350, 22.7734, 20.1114

Deuteranomaly

21.9952, 22.6079, 20.6572

Tritanomaly

21.3870, 22.7852, 25.4611

Monochromacy



Original Color

20.2526, 22.7182, 20.4572

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7201, 22.3025, 22.6148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2526, 22.7182, 20.4572 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(125, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(125, 134, 118)  
}
```

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(125, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 134, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.2526, 22.7182, 20.4572 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(125, 134, 118) }
```


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

```
.border{ border-color:rgb(125, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(125, 134,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2526, 22.7182, 20.4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 134, 118) }
```

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

```
.background{ background-color: rgb(125,  
134, 118) }
```

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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