

Converting Colors

XYZ(25.8557, 29.5352, 22.8809)

Have a look what the booklet for
XYZ(25.8557, 29.5352, 22.8809)
contains.

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Color

**XYZ(25.8964, 29.6124,
22.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	8E987A
RGB	142, 152, 122
RGB Percent	56%, 60%, 48%
CMY	0.4431, 0.4039, 0.5216
CMYK	0.07, 0.00, 0.20, 0.40
HSL	80°, 13%, 54%
HSV	80°, 20%, 60%
XYZ	25.8964, 29.6124, 22.7632
YIQ	145.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

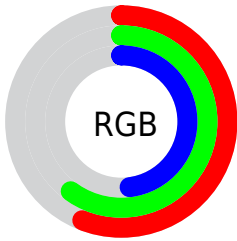
Format	Color
RYB	122, 152, 132
Decimal	9345146
CIELab	61.32, -9.13, 14.61
CIELCh	61, 17.223, 121.995
Yxy	29.6124, 0.3309, 0.3783
Android (android.graphics.Color)	4287535226 (0xFF8E987A)
YUV	145.5900, -11.6299, -3.1484
Hunter-Lab	54.4173, -10.2846, 13.2906

Details

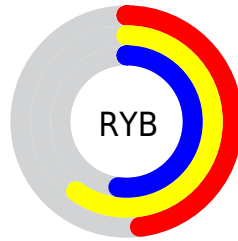
The XYZ color **25.8964, 29.6124, 22.7632** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.1439, 21.0924, 32.6115**, and the grayscale version is **27.1995, 28.6160, 31.1628**.

A 20% lighter version of the original color is **52.4762, 58.9344, 48.6541**, and **10.2699, 12.0637, 8.0906** is the 20% darker color. If you saturate the color by 10%, you get **24.1777, 28.8277, 18.1450**, and if you desaturate by 10%, it is **27.8036, 30.4790, 28.1604**.

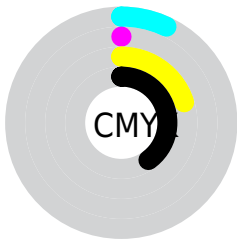
Distribution



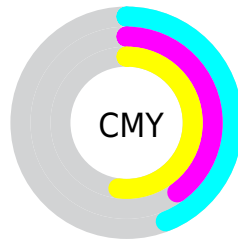
- Red (56%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (52%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8964, 29.6124, 22.7632 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 25.8964, 29.6124, 22.7632 by changing the saturation by 10% instead.

■ 25.8964, 29.6124,
22.7632

■ 25.8964, 29.6124,
22.7632

274.5392,
300.0936, 279.5888

■ 16.8784, 19.5446,
14.2151

■ 52.5403, 59.0487,
48.9225

■ 10.2426, 12.0644,
8.1300

■ 70.8969, 79.1859,
67.3707

■ 5.6236, 6.7876,
4.0893

■ 93.0970, 103.4484,
89.9561

■ 2.6561, 3.3296,
1.6744

119.5062,
132.2205, 117.0971

■ 0.9746, 1.3061,
0.3431

150.4896,
165.8867, 149.2124

■ 0.0000, 0.1459,
0.0000

186.4127,

■ 0.0000, 0.0000,

204.8314, 186.7204

0.0000

227.6407,
249.4389, 230.0397

■ 25.8964, 29.6124,
22.7632

■ 25.8964, 29.6124,
22.7632

■ 24.1777, 28.8277,
18.1450

■ 27.8036, 30.4790,
28.1604

■ 22.6377, 28.1180,
14.2681

■ 29.9038, 31.4265,
34.3685

■ 21.2694, 27.4815,
11.0941

■ 32.2043, 32.4588,
41.4197

■ 20.0642, 26.9145,
8.5807

■ 34.7113, 33.5784,
49.3440

■ 19.0125, 26.4134,
6.6809

■ 37.4307, 34.7877,
58.1699

■ 18.1038, 25.9736,
5.3417

■ 40.3681, 36.0891,
67.9246

■ 17.3257, 25.5903,
4.5009

■ 43.5289, 37.4848,
78.6342

■ 16.6491, 25.2517,
4.0080

■ 46.9183, 38.9769,
90.3237

■ 16.6319, 25.2431,
3.9958

■ 49.9227, 40.3200,
99.7591

Harmonies

Analogous

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



27.9940, 29.6124, 21.2967



25.8964, 29.6124, 22.7632



24.4662, 29.6124, 26.7238

Triad

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



25.8964, 29.6124, 22.7632



26.1461, 29.6124, 44.5829



32.7357, 29.6124, 31.8097

Complementary

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



25.8964, 29.6124, 22.7632



22.1439, 21.0924, 32.6115

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.



32.1768, 29.6124, 38.4739



25.8964, 29.6124, 22.7632



28.2979, 29.6124, 46.4142

Square

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



25.8964, 29.6124, 22.7632



24.6048, 29.6124, 39.3280



30.5216, 29.6124, 44.0451



32.0110, 29.6124, 26.0643

Rectangle

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



25.8964, 29.6124, 22.7632



24.0420, 29.6124, 30.5337



30.5216, 29.6124, 44.0451



32.6916, 29.6124, 34.0146

Sweetspot

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



25.8972, 29.6137, 22.7638



50.3757, 54.3842, 53.5029



24.7141, 24.5840, 21.8554



11.4013, 12.3389, 12.0183



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.



25.8972, 29.6137, 22.7638



44.2331, 51.5952, 36.1560



23.4944, 28.3750, 22.6514



6.5087, 7.1197, 6.6370



13.9785, 21.1820, 3.3518



0.2471, 0.3363, 0.0519

Inverse Universe

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



22.1439, 21.0924, 32.6115



36.2911, 33.5606, 56.9988



24.6607, 22.3898, 32.7293



6.0689, 6.1214, 7.7907



5.9134, 2.4995, 25.0785



0.1243, 0.0558, 0.3766

Previews

White Background



This preview shows how the XYZ color 25.8964, 29.6124, 22.7632 looks on a white background.

Color Contrast Check

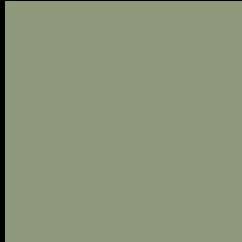
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8964, 29.6124, 22.7632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

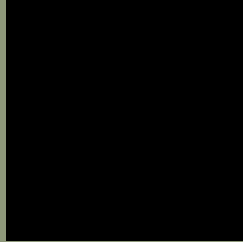
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8964, 29.6124, 22.7632

Background



This preview shows how black text looks on a background with the XYZ color 25.8964, 29.6124, 22.7632.



This preview shows how white text looks on a background with the XYZ color 25.8964, 29.6124,

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

25.8964, 29.6124, 22.7632

Protanopia

27.8847, 29.7040, 22.0331

Deuteranopia

30.1057, 29.4592, 23.1682



Tritanopia

28.7243, 29.5737, 36.9952

Trichromacy



Original Color

25.8964, 29.6124, 22.7632

Protanomaly

27.1475, 29.5508, 22.3622

Deuteranomaly

28.3512, 29.4614, 22.9312

Tritanomaly

27.6128, 29.5900, 31.4502

Monochromacy



Original Color

25.8964, 29.6124, 22.7632

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7823, 29.0057, 27.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8964, 29.6124, 22.7632 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(142, 152, 122) looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 122)  
}
```

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(142, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.8964, 29.6124, 22.7632 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(142, 152, 122) }
```


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

```
.border{ border-color:rgb(142, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 152, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 152, 122); box-shadow:4px 4px 4px 4px rgb(142, 152, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8964, 29.6124, 22.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 122) }
```

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

```
.background{ background-color: rgb(142,  
152, 122) }
```

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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