

Converting Colors

XYZ(25.7066, 22.8125, 20.0548)

Have a look what the booklet for
XYZ(25.7066, 22.8125, 20.0548)
contains.

XYZ(25.7124, 22.8479, 20.1944)	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(25.7124, 22.8479,
20.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	A67876
RGB	166, 120, 118
RGB Percent	65%, 47%, 46%
CMY	0.3490, 0.5294, 0.5373
CMYK	0.00, 0.28, 0.29, 0.35
HSL	3°, 21%, 56%
HSV	3°, 29%, 65%
XYZ	25.7124, 22.8479, 20.1944
YIQ	133.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

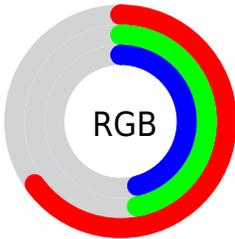
Format	Color
RYB	166, 120, 118
Decimal	10909814
CIELab	54.92, 17.70, 8.21
CIElCh	55, 19.516, 24.882
Yxy	22.8479, 0.3740, 0.3323
Android (android.graphics.Color)	4289099894 (0xFFA67876)
YUV	133.5260, -7.6543, 28.4797
Hunter-Lab	47.7995, 12.3700, 8.4107

Details

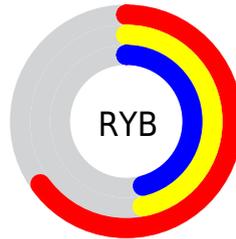
The XYZ color **25.7124, 22.8479, 20.1944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6293, 33.1548, 41.0200**, and the grayscale version is **22.5066, 23.6787, 25.7861**.

A 20% lighter version of the original color is **52.3235, 48.3190, 44.5990**, and **10.1688, 8.4594, 6.8912** is the 20% darker color. If you saturate the color by 10%, you get **23.0547, 18.9746, 14.8625**, and if you desaturate by 10%, it is **28.8628, 27.4284, 26.5476**.

Distribution



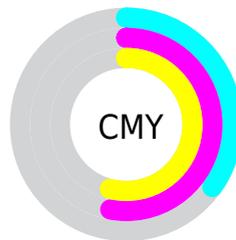
- Red (65%)
- Green (47%)
- Blue (46%)



- Red (65%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7124, 22.8479, 20.1944 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 25.7124, 22.8479, 20.1944 by changing the saturation by 10% instead.

■ 25.7124, 22.8479,
20.1944

■ 25.7124, 22.8479,
20.1944

273.6501,
266.9428, 265.6045

■ 16.7402, 14.4812,
12.3510

■ 52.2452, 48.1435,
44.6061

■ 10.1436, 8.4561,
6.8577

■ 70.5365, 65.8411,
62.0115

■ 5.5572, 4.3882,
3.2962

■ 92.6649, 87.4180,
83.4412

■ 2.6159, 1.8930,
1.2478

118.9957,
113.2583, 109.3139

■ 0.9540, 0.5442,
0.0184

149.8942,
143.7466, 140.0480

■ 0.0000, 0.0000,
0.0000

185.7259,

179.2671, 176.0621

226.8561,
220.2044, 217.7748

■ 25.7124, 22.8479,
20.1944

■ 25.7124, 22.8479,
20.1944

■ 23.0547, 18.9746,
14.8625

■ 28.8628, 27.4284,
26.5476

■ 20.8631, 15.7703,
10.4973

■ 32.5271, 32.7456,
33.9699

■ 19.1112, 13.1982,
7.0412

■ 36.7274, 38.8309,
42.5080

■ 17.7693, 11.2162,
4.4302

■ 41.4842, 45.7133,
52.2052

■ 16.8040, 9.7777,
2.5918

■ 46.8167, 53.4201,
63.1026

■ 16.1768, 8.8287,
1.4411

■ 52.7433, 61.9773,
75.2393

■ 15.8298, 8.2988,
0.8192

■ 59.2816, 71.4099,
88.6526

■ 15.8012, 8.2574,
0.7610

■ 66.4483, 81.7416,
103.3781

■ 69.5360, 86.8471,
107.7060

Harmonies

Analogous

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



26.1282, 22.8479, 25.9554



25.7124, 22.8479, 20.1944



24.1980, 22.8479, 16.3503

Triad

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



25.7124, 22.8479, 20.1944



18.4885, 22.8479, 18.6347



21.3473, 22.8479, 38.7286

Complementary

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



25.7124, 22.8479, 20.1944



27.6293, 33.1548, 41.0200

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.



19.4103, 22.8479, 35.9490



25.7124, 22.8479, 20.1944



17.8312, 22.8479, 23.8298

Square

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



25.7124, 22.8479, 20.1944



20.0127, 22.8479, 15.5601



18.1572, 22.8479, 30.2338



23.5138, 22.8479, 37.3245

Rectangle

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



25.7124, 22.8479, 20.1944



22.8192, 22.8479, 15.0584



18.1572, 22.8479, 30.2338



20.6494, 22.8479, 38.2407

Sweetspot

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



25.7130, 22.8490, 20.1949



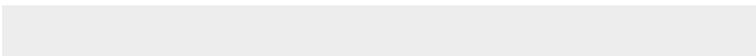
58.8539, 59.1698, 61.2881



28.9416, 23.7589, 38.3725



12.9484, 12.9192, 13.2649



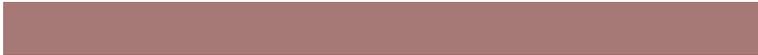
80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



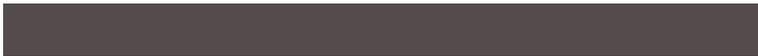
25.7130, 22.8490, 20.1949



43.3217, 36.5959, 29.9358



28.9089, 29.2408, 21.2602



7.5553, 7.5906, 7.8562



12.2617, 6.4206, 0.5930



0.3059, 0.1714, 0.0170

Inverse Universe

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



27.6293, 33.1548, 41.0200



47.3987, 58.5325, 74.2750



23.7911, 25.4783, 39.7405



7.7203, 8.4776, 9.6478



14.9699, 21.4000, 31.3171



0.3721, 0.5365, 0.7646

Previews

White Background



This preview shows how the XYZ color 25.7124, 22.8479, 20.1944 looks on a white background.

Color Contrast Check

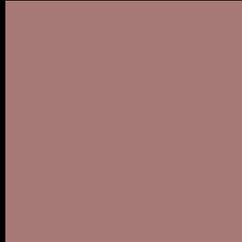
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7124, 22.8479, 20.1944 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 25.7124, 22.8479, 20.1944

Background



This preview shows how black text looks on a background with the XYZ color 25.7124, 22.8479, 20.1944.



This preview shows how white text looks on a background with the XYZ color 25.7124, 22.8479,

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

25.7124, 22.8479, 20.1944

Protanopia

21.9077, 22.9221, 22.3385

Deuteranopia

23.3779, 22.9471, 20.0267



Tritanopia

26.4295, 22.9677, 23.4623

Trichromacy



Original Color

25.7124, 22.8479, 20.1944

Protanomaly

23.1348, 22.7869, 21.5913

Deuteranomaly

24.1288, 22.7676, 19.9525

Tritanomaly

26.1713, 22.8644, 22.1027

Monochromacy



Original Color

25.7124, 22.8479, 20.1944

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6006, 23.3700, 23.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7124, 22.8479, 20.1944 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(166, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(166, 120, 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(166, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 120, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.7124, 22.8479, 20.1944 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(166, 120, 118) }
```

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

```
.border{ border-color:rgb(166, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(166, 120,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7124, 22.8479, 20.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 120, 118) }
```

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

```
.background{ background-color: rgb(166,  
120, 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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