

Converting Colors

XYZ(25.4329, 27.7842, 20.2474)

Have a look what the booklet for
XYZ(25.4329, 27.7842, 20.2474)
contains.

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Color

**XYZ(25.4327, 27.7845,
20.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	949173
RGB	148, 145, 115
RGB Percent	58%, 57%, 45%
CMY	0.4196, 0.4314, 0.5490
CMYK	0.00, 0.02, 0.22, 0.42
HSL	55°, 13%, 52%
HSV	55°, 22%, 58%
XYZ	25.4327, 27.7845, 20.2422
YIQ	142.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

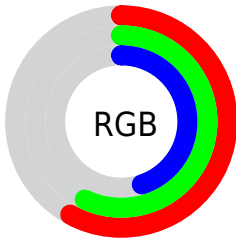
Format	Color
R_{YB}	118, 148, 115
Decimal	9736563
CIE Lab	59.69, -4.07, 16.36
CIE LCh	60, 16.858, 103.965
Yxy	27.7845, 0.3462, 0.3782
Android (android.graphics.Color)	4287926643 (0xFF949173)
YUV	142.4770, -13.5462, 4.8437
Hunter-Lab	52.7110, -6.1192, 14.1290

Details

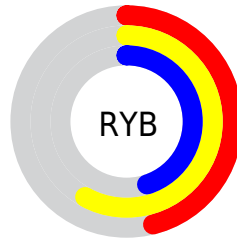
The XYZ color **25.4327, 27.7845, 20.2422** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8940, 18.7396, 30.6385**, and the grayscale version is **25.9498, 27.3012, 29.7310**.

A 20% lighter version of the original color is **51.7556, 56.1934, 44.6778**, and **10.0351, 11.1311, 6.9298** is the 20% darker color. If you saturate the color by 10%, you get **24.4447, 27.0635, 16.0432**, and if you desaturate by 10%, it is **26.5614, 28.5675, 25.1635**.

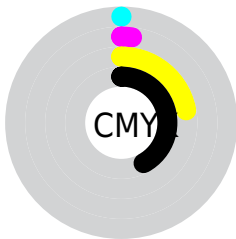
Distribution



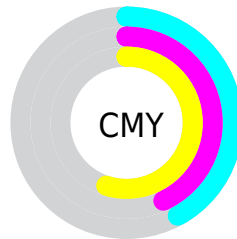
- Red (58%)
- Green (57%)
- Blue (45%)



- Red (46%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4327, 27.7845, 20.2422 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 25.4327, 27.7845, 20.2422 by changing the saturation by 10% instead.

■ 25.4327, 27.7845,
20.2422

■ 25.4327, 27.7845,
20.2422

272.2941,
291.4357, 265.8708

■ 16.5302, 18.1633,
12.3854

■ 51.7962, 56.1402,
44.6872

■ 9.9933, 11.0673,
6.8810

■ 69.9878, 75.6435,
62.1124

■ 5.4568, 6.1121,
3.3105

■ 92.0066, 99.2095,
83.5643

■ 2.5552, 2.9134,
1.2553

118.2178,
127.2228, 109.4612

■ 0.9232, 1.0867,
0.0247

148.9868,
160.0677, 140.2218

■ 0.0000, 0.0000,
0.0000

184.6789,

198.1285, 176.2645

225.6596,
241.7897, 218.0080

■ 25.4327, 27.7845,
20.2422

■ 25.4327, 27.7845,
20.2422

■ 24.4447, 27.0635,
16.0432

■ 26.5614, 28.5675,
25.1635

■ 23.5886, 26.3983,
12.5303

■ 27.8347, 29.4113,
30.8372

■ 22.8581, 25.7871,
9.6670

■ 29.2589, 30.3194,
37.2940

■ 22.2455, 25.2270,
7.4128

■ 30.8396, 31.2941,
44.5625

■ 21.7423, 24.7144,
5.7223

■ 32.5819, 32.3372,
52.6696

■ 21.3386, 24.2455,
4.5443

■ 34.4906, 33.4509,
61.6410

■ 21.0228, 23.8155,
3.8178

■ 36.5705, 34.6371,
71.5015

■ 20.8155, 23.5013,
3.4391

■ 38.8260, 35.8975,
82.2748

■ 41.2615, 37.2339,
93.9835

Harmonies

Analogous

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



27.5553, 27.7845, 20.3262



25.4327, 27.7845, 20.2422



23.6672, 27.7845, 22.5747

Triad

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



25.4327, 27.7845, 20.2422



23.5702, 27.7845, 39.1430



30.5412, 27.7845, 33.6078

Complementary

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



25.4327, 27.7845, 20.2422



18.8940, 18.7396, 30.6385

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.



29.3533, 27.7845, 39.4995



25.4327, 27.7845, 20.2422



25.2937, 27.7845, 42.9767

Square

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



25.4327, 27.7845, 20.2422



22.6317, 27.7845, 33.1710



27.4086, 27.7845, 43.1153



30.5834, 27.7845, 27.5106

Rectangle

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



25.4327, 27.7845, 20.2422



22.8983, 27.7845, 25.3932



27.4086, 27.7845, 43.1153



30.2599, 27.7845, 35.6955

Sweetspot

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



25.4334, 27.7857, 20.2428



47.9917, 51.1594, 49.3924



21.6317, 19.8729, 19.9293



10.9293, 11.6612, 11.1586



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.4334, 27.7857, 20.2428



43.9311, 48.3453, 31.6775



23.6443, 27.5523, 20.2920



6.2209, 6.6555, 6.1972



17.7899, 20.0942, 2.9409



0.2283, 0.2671, 0.0395

Inverse Universe

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



18.8940, 18.7396, 30.6385



30.2006, 29.3526, 53.5085



20.4086, 19.0047, 30.6099



5.5393, 5.7127, 7.2804



4.7034, 2.1017, 24.0888



0.0659, 0.0425, 0.2976

Previews

White Background



This preview shows how the XYZ color 25.4327, 27.7845, 20.2422 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 25.4327, 27.7845, 20.2422 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 25.4327, 27.7845, 20.2422

Background



This preview shows how black text looks on a background with the XYZ color 25.4327, 27.7845, 20.2422.



This preview shows how white text looks on a background with the XYZ color 25.4327, 27.7845,

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

25.4327, 27.7845, 20.2422

Protanopia

25.9966, 27.6321, 19.8830

Deuteranopia

28.1772, 27.6534, 20.3755



Tritanopia

28.1009, 27.7628, 33.1558

Trichromacy



Original Color

25.4327, 27.7845, 20.2422

Protanomaly

25.7730, 27.7407, 19.9157

Deuteranomaly

27.1745, 27.7843, 20.4537

Tritanomaly

27.0229, 27.7603, 27.9788

Monochromacy



Original Color

25.4327, 27.7845, 20.2422

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4889, 27.2402, 25.7443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4327, 27.7845, 20.2422 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(148, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(148, 145, 115)  
}
```

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(148, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.4327, 27.7845, 20.2422 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(148, 145, 115) }
```


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

```
.border{ border-color:rgb(148, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4327, 27.7845, 20.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 115) }
```

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

```
.background{ background-color: rgb(148,  
145, 115) }
```

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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