

Converting Colors

XYZ(25.3962, 29.1494, 22.2454)

Have a look what the booklet for
XYZ(25.3962, 29.1494, 22.2454)
contains.

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Color

**XYZ(25.3330, 29.0891,
22.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9779
RGB	140, 151, 121
RGB Percent	55%, 59%, 47%
CMY	0.4510, 0.4078, 0.5255
CMYK	0.07, 0.00, 0.20, 0.41
HSL	82°, 13%, 53%
HSV	82°, 20%, 59%
XYZ	25.3330, 29.0891, 22.3687
YIQ	144.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

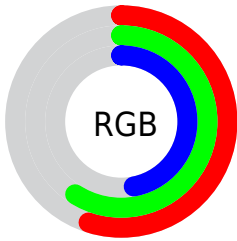
Format	Color
RYB	121, 151, 132
Decimal	9213817
CIELab	60.86, -9.52, 14.51
CIELCh	61, 17.350, 123.272
Yxy	29.0891, 0.3299, 0.3788
Android (android.graphics.Color)	4287403897 (0xFF8C9779)
YUV	144.2910, -11.4825, -3.7632
Hunter-Lab	53.9343, -10.5434, 13.1641

Details

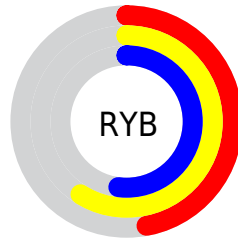
The XYZ color **25.3330, 29.0891, 22.3687** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.9401, 20.8154, 32.1411**, and the grayscale version is **26.6712, 28.0602, 30.5575**.

A 20% lighter version of the original color is **51.6223, 58.1491, 48.0383**, and **9.9433, 11.7559, 7.8759** is the 20% darker color. If you saturate the color by 10%, you get **23.5690, 28.2794, 17.8249**, and if you desaturate by 10%, it is **27.2905, 29.9836, 27.6795**.

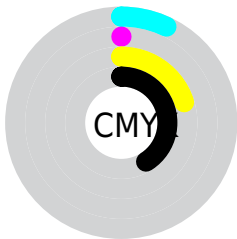
Distribution



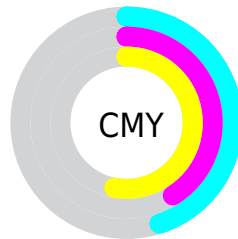
- Red (55%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (52%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3330, 29.0891, 22.3687 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 25.3330, 29.0891, 22.3687 by changing the saturation by 10% instead.

■ 25.3330, 29.0891,
22.3687

■ 25.3330, 29.0891,
22.3687

271.8094,
297.6351, 277.4818

■ 16.4554, 19.1482,
13.9272

■ 51.6359, 58.2186,
48.2646

■ 9.9398, 11.7774,
7.9319

■ 69.7920, 78.1761,
66.5561

■ 5.4211, 6.5923,
3.9642

■ 91.7715, 102.2411,
88.9679

■ 2.5336, 3.2085,
1.6057

117.9399,
130.7983, 115.9187

■ 0.9123, 1.2415,
0.2949

148.6626,
164.2319, 147.8269

■ 0.0000, 0.0952,
0.0000

184.3048,

■ 0.0000, 0.0000,

202.9263, 185.1111

0.0000

225.2320,
247.2659, 228.1899

■ 25.3330, 29.0891,
22.3687

■ 25.3330, 29.0891,
22.3687

■ 23.5690, 28.2794,
17.8249

■ 27.2905, 29.9836,
27.6795

■ 21.9888, 27.5475,
14.0107

■ 29.4462, 30.9619,
33.7885

■ 20.5852, 26.8916,
10.8886

■ 31.8073, 32.0280,
40.7275

■ 19.3495, 26.3080,
8.4167

■ 34.3802, 33.1844,
48.5262

■ 18.2723, 25.7929,
6.5488

■ 37.1708, 34.4337,
57.2125

■ 17.3429, 25.3419,
5.2326

■ 40.1848, 35.7780,
66.8132

■ 16.5488, 24.9500,
4.4068

■ 43.4277, 37.2199,
77.3541

■ 15.8604, 24.6052,
3.9191

■ 46.9047, 38.7613,
88.8597

■ 15.8517, 24.6009,
3.9130

■ 50.3127, 40.2811,
99.7310

Harmonies

Analogous

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



27.4011, 29.0891, 20.8054



25.3330, 29.0891, 22.3687



23.9472, 29.0891, 26.4007

Triad

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



25.3330, 29.0891, 22.3687



25.7402, 29.0891, 44.1345



32.2159, 29.0891, 30.9684

Complementary

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



25.3330, 29.0891, 22.3687



21.9401, 20.8154, 32.1411

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.



31.7124, 29.0891, 37.6044



25.3330, 29.0891, 22.3687



27.8970, 29.0891, 45.7878

Square

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



25.3330, 29.0891, 22.3687



24.1731, 29.0891, 39.0002



30.1006, 29.0891, 43.2547



31.4416, 29.0891, 25.3265

Rectangle

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



25.3330, 29.0891, 22.3687



23.5548, 29.0891, 30.2377



30.1006, 29.0891, 43.2547



32.1906, 29.0891, 33.1531

Sweetspot

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



25.3338, 29.0904, 22.3693



50.2762, 54.3329, 53.4982



24.4660, 24.4632, 21.5219



11.3766, 12.3262, 12.0171



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.



25.3338, 29.0904, 22.3693



43.8680, 51.4069, 36.1389



22.9761, 27.8750, 22.2590



6.4891, 7.1096, 6.6361



13.5168, 20.9440, 3.3302



0.2418, 0.3336, 0.0516

Inverse Universe

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



21.9401, 20.8154, 32.1411



36.6196, 33.7300, 57.0141



24.4569, 22.1129, 32.2589



6.0877, 6.1311, 7.7915



6.1393, 2.6160, 25.0891



0.1296, 0.0586, 0.3769

Previews

White Background



This preview shows how the XYZ color 25.3330, 29.0891, 22.3687 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 25.3330, 29.0891, 22.3687 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

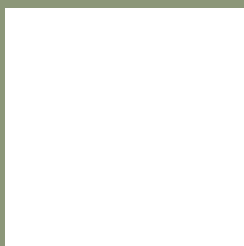
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3330, 29.0891, 22.3687

Background



This preview shows how black text looks on a background with the XYZ color 25.3330, 29.0891, 22.3687.



This preview shows how white text looks on a background with the XYZ color 25.3330, 29.0891,

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

25.3330, 29.0891, 22.3687

Protanopia

27.1262, 28.8582, 21.5933

Deuteranopia

29.4622, 28.9148, 22.7672



Tritanopia

28.1275, 29.0461, 36.4717

Trichromacy



Original Color

25.3330, 29.0891, 22.3687

Protanomaly

26.5577, 29.0199, 21.9710

Deuteranomaly

27.7388, 28.9250, 22.5335

Tritanomaly

27.0284, 29.0638, 30.9734

Monochromacy



Original Color

25.3330, 29.0891, 22.3687

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2053, 28.4847, 27.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3330, 29.0891, 22.3687 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(140, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(140, 151, 121)  
}
```

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(140, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 151, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.3330, 29.0891, 22.3687 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(140, 151, 121) }
```


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

```
.border{ border-color:rgb(140, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 151, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 151, 121); box-shadow:4px 4px 4px 4px rgb(140, 151, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3330, 29.0891, 22.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 151, 121) }
```

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

```
.background{ background-color: rgb(140,  
151, 121) }
```

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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