

Converting Colors

XYZ(25.7042, 27.2901, 8.4702)

Have a look what the booklet for
XYZ(25.7042, 27.2901, 8.4702)
contains.

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Color

**XYZ(25.7042, 27.2901,
8.4702)**

Conversions

Conversions Part 1

Format	Color
Hex	A48D3E
RGB	164, 141, 62
RGB Percent	64%, 55%, 24%
CMY	0.3569, 0.4470, 0.7569
CMYK	0.00, 0.14, 0.62, 0.36
HSL	46°, 45%, 44%
HSV	46°, 62%, 64%
XYZ	25.7042, 27.2901, 8.4702
YIQ	138.8710, 39.0670, -19.6930

Conversions

Conversions Part 2

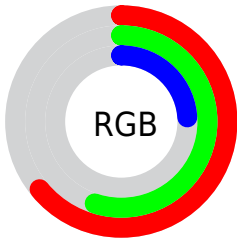
Format	Color
R_{YB}	92, 164, 62
Decimal	10784062
CIE Lab	59.24, -0.98, 44.35
CIE LCh	59, 44.361, 91.265
Yxy	27.2901, 0.4182, 0.4440
Android (android.graphics.Color)	4288974142 (0xFFA48D3E)
YUV	138.8710, -37.8974, 22.0381
Hunter-Lab	52.2399, -3.5905, 26.9546

Details

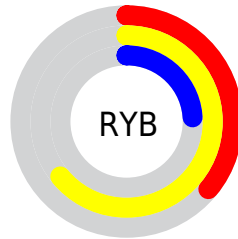
The XYZ color **25.7042, 27.2901, 8.4702** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.9358, 10.2011, 36.4616**, and the grayscale version is **24.6223, 25.9045, 28.2101**.

A 20% lighter version of the original color is **52.0912, 55.1480, 23.5219**, and **10.0971, 10.7531, 1.8018** is the 20% darker color. If you saturate the color by 10%, you get **24.7845, 26.0654, 6.2687**, and if you desaturate by 10%, it is **26.7792, 28.6081, 11.3941**.

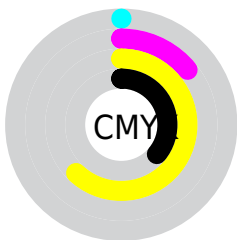
Distribution



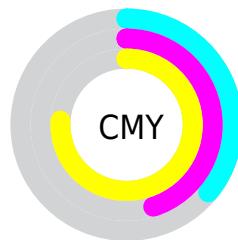
- Red (64%)
- Green (55%)
- Blue (24%)



- Red (36%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (62%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7042, 27.2901, 8.4702 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 25.7042, 27.2901, 8.4702 by changing the saturation by 10% instead.


 25.7042, 27.2901,
8.4702


 25.7042, 27.2901,
8.4702


273.6104,
289.0590, 189.4451


 16.7340, 17.7912,
4.3052


 52.2321, 55.3490,
23.4364

 10.1391, 10.8002,
1.7942


 70.5205, 74.6779,
35.0747

 5.5543, 5.9326,
0.4241

 92.6456, 98.0522,
50.0412

 2.6141, 2.8042,
0.0000

 118.9729,
125.8563, 68.7543

 0.9531, 1.0304,
0.0000

 149.8677,
158.4746, 91.6328

 0.0000, 0.0000,
0.0000

 185.6953,

196.2916, 119.0950

226.8210,
239.6916, 151.5596

■ 25.7042, 27.2901,
8.4702

■ 25.7042, 27.2901,
8.4702

■ 24.7845, 26.0654,
6.2687

■ 26.7792, 28.6081,
11.3941

■ 24.0053, 24.9248,
4.7213

■ 28.0189, 30.0203,
15.0972

■ 23.3521, 23.8631,
3.7494

■ 29.4340, 31.5324,
19.6324

■ 22.9025, 23.0780,
3.2474

■ 31.0337, 33.1483,
25.0476

■ 32.8267, 34.8716,
31.3871

■ 34.8208, 36.7059,
38.6921

■ 37.0236, 38.6544,
47.0012

■ 39.4421, 40.7202,
56.3512

■ 42.0832, 42.9062,
66.7767

Harmonies

Analogous

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



31.3994, 27.2901, 10.1988



25.7042, 27.2901, 8.4702



20.7972, 27.2901, 10.5322

Triad

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



25.7042, 27.2901, 8.4702



17.8626, 27.2901, 48.5085



36.4356, 27.2901, 46.9107

Complementary

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



25.7042, 27.2901, 8.4702



11.9358, 10.2011, 36.4616

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.



31.8639, 27.2901, 64.1287



25.7042, 27.2901, 8.4702



21.1504, 27.2901, 65.2589

Square

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



25.7042, 27.2901, 8.4702



16.6861, 27.2901, 30.3922



26.1741, 27.2901, 71.7959



38.1011, 27.2901, 29.0465

Rectangle

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



25.7042, 27.2901, 8.4702



18.4901, 27.2901, 14.4305



26.1741, 27.2901, 71.7959



35.1584, 27.2901, 53.1605

Sweetspot

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



25.7048, 27.2914, 8.4707



57.2187, 61.0374, 48.5560



18.7042, 12.0066, 10.0940



12.3232, 13.1622, 9.9672



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.7048, 27.2914, 8.4707



44.3622, 46.4221, 10.0571



24.4287, 32.2000, 9.4855



7.5134, 7.9651, 7.5215



17.5974, 17.7687, 2.5022



0.4014, 0.4366, 0.0631

Inverse Universe

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



11.9358, 10.2011, 36.4616



17.2970, 12.9103, 65.3326



12.5627, 8.2597, 36.0538



6.8240, 7.1070, 8.9152



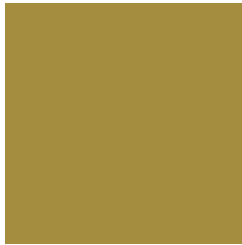
5.6753, 3.1301, 27.2348



0.1516, 0.1305, 0.5831

Previews

White Background



This preview shows how the XYZ color 25.7042, 27.2901, 8.4702 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 25.7042, 27.2901, 8.4702 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 25.7042, 27.2901, 8.4702

Background



This preview shows how black text looks on a background with the XYZ color 25.7042, 27.2901, 8.4702.



This preview shows how white text looks on a background with the XYZ color 25.7042, 27.2901,

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

25.7042, 27.2901, 8.4702

Protanopia

25.0177, 27.3747, 8.6679

Deuteranopia

27.8328, 27.3143, 8.5079



Tritanopia

30.0038, 27.1436, 29.6445

Trichromacy



Original Color

25.7042, 27.2901, 8.4702

Protanomaly

25.2681, 27.2820, 8.6368

Deuteranomaly

26.9989, 27.3065, 8.5503

Tritanomaly

27.8497, 26.8677, 19.6377

Monochromacy



Original Color

25.7042, 27.2901, 8.4702

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4601, 26.1998, 18.8068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7042, 27.2901, 8.4702 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(164, 141, 62)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 62)  
}
```

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(164, 141, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 62) }
```

Border

The CSS property to change the border of an element to XYZ 25.7042, 27.2901, 8.4702 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(164, 141, 62) }
```


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

```
.border{ border-color:rgb(164, 141, 62) }
```

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

Here you see how a box with a 4 pixel rgb(164, 141, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 62);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7042, 27.2901, 8.4702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 62) }
```

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

```
.background{ background-color: rgb(164,  
141, 62) }
```

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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