

Converting Colors

XYZ(25.0282, 27.6898, 4.8361)

Have a look what the booklet for
XYZ(25.0282, 27.6898, 4.8361)
contains.

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Color

**XYZ(25.0282, 27.6898,
4.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	A29017
RGB	162, 144, 23
RGB Percent	64%, 56%, 9%
CMY	0.3647, 0.4353, 0.9098
CMYK	0.00, 0.11, 0.86, 0.36
HSL	52°, 75%, 36%
HSV	52°, 86%, 64%
XYZ	25.0282, 27.6898, 4.8361
YIQ	135.5880, 49.5690, -33.8150

Conversions

Conversions Part 2

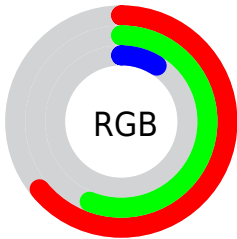
Format	Color
RYB	44, 162, 23
Decimal	10653719
CIELab	59.61, -5.41, 59.53
CIELCh	60, 59.775, 95.197
Yxy	27.6898, 0.4349, 0.4811
Android (android.graphics.Color)	4288843799 (0xFFA29017)
YUV	135.5880, -55.5059, 23.1633
Hunter-Lab	52.6211, -7.1869, 31.3858

Details

The XYZ color **25.0282, 27.6898, 4.8361** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.6679, 4.3767, 34.6227**, and the grayscale version is **23.4363, 24.6568, 26.8513**.

A 20% lighter version of the original color is **50.9667, 55.7422, 15.8577**, and **9.9466, 11.0696, 1.6124** is the 20% darker color. If you saturate the color by 10%, you get **24.5967, 27.0147, 4.1134**, and if you desaturate by 10%, it is **25.5644, 28.4184, 6.0752**.

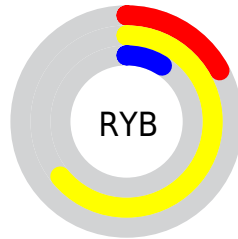
Distribution



Red (64%)

Green (56%)

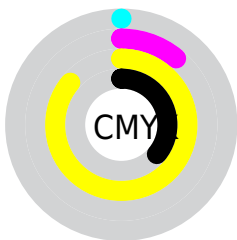
Blue (9%)



Red (17%)

Yellow (64%)

Blue (9%)

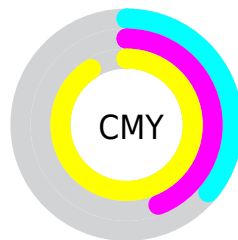


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (36%)



Cyan (36%)


Magenta (44%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0282, 27.6898, 4.8361 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 25.0282, 27.6898, 4.8361 by changing the saturation by 10% instead.


 25.0282, 27.6898,
4.8361


 25.0282, 27.6898,
4.8361


270.3234,
290.9817, 157.1090


 16.2269, 18.0920,
2.0944


 51.1455, 55.9888,
15.8963


 9.7767, 11.0160,
0.6124


 69.1923, 75.4588,
25.0518

 5.3123, 6.0776,
0.0000

 91.0516, 98.9882,
37.1823

 2.4683, 2.8923,
0.0000

 117.0887,
126.9616, 52.7064

 0.8793, 1.0758,
0.0000

 147.6691,
159.7632, 72.0425

 0.0000, 0.0000,
0.0000

 183.1582,

197.7775, 95.6093

223.9211,
241.3888, 123.8253

25.0282, 27.6898,
4.8361

25.0282, 27.6898,
4.8361

24.5967, 27.0147,
4.1134

25.5644, 28.4184,
6.0752

24.4289, 26.7388,
3.8736

26.2207, 29.2034,
7.9204

27.0107, 30.0515,
10.4405

27.9458, 30.9672,
13.6946

29.0359, 31.9546,
17.7355

■ 30.2902, 33.0173,
22.6111

■ 31.7171, 34.1588,
28.3653

■ 33.3243, 35.3822,
35.0392

■ 35.1192, 36.6905,
42.6711

Harmonies

Analogous

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



32.8728, 27.6898, 5.9975



25.0282, 27.6898, 4.8361



18.8225, 27.6898, 7.3709

Triad

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



25.0282, 27.6898, 4.8361



16.1693, 27.6898, 60.9301



41.7745, 27.6898, 51.1094

Complementary

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



25.0282, 27.6898, 4.8361



7.6679, 4.3767, 34.6227

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.



35.5791, 27.6898, 78.3275



25.0282, 27.6898, 4.8361



20.6987, 27.6898, 85.6440

Square

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



25.0282, 27.6898, 4.8361



14.3701, 27.6898, 34.0646



27.6520, 27.6898, 93.1868



43.5354, 27.6898, 26.5465

Rectangle

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



25.0282, 27.6898, 4.8361



16.1281, 27.6898, 12.1325



27.6520, 27.6898, 93.1868



40.0904, 27.6898, 60.5571

Sweetspot

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



25.0288, 27.6911, 4.8367



54.8221, 59.8026, 40.3825



15.6163, 8.4582, 2.9569



12.1386, 13.2861, 8.3854



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.



25.0288, 27.6911, 4.8367



44.2428, 48.3296, 6.9967



19.6349, 29.2841, 5.4284



7.5709, 8.0801, 7.5407



19.2680, 21.1098, 3.0591



0.4252, 0.4842, 0.0711

Inverse Universe

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



7.6679, 4.3767, 34.6227



12.2407, 5.5382, 62.4799



9.6497, 4.6763, 34.5761



6.7710, 7.0009, 8.8975



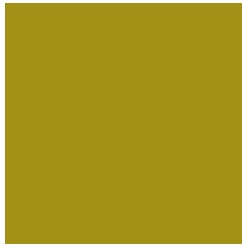
5.3677, 2.5147, 27.1323



0.1330, 0.0933, 0.5769

Previews

White Background



This preview shows how the XYZ color 25.0282, 27.6898, 4.8361 looks on a white background.

Color Contrast Check

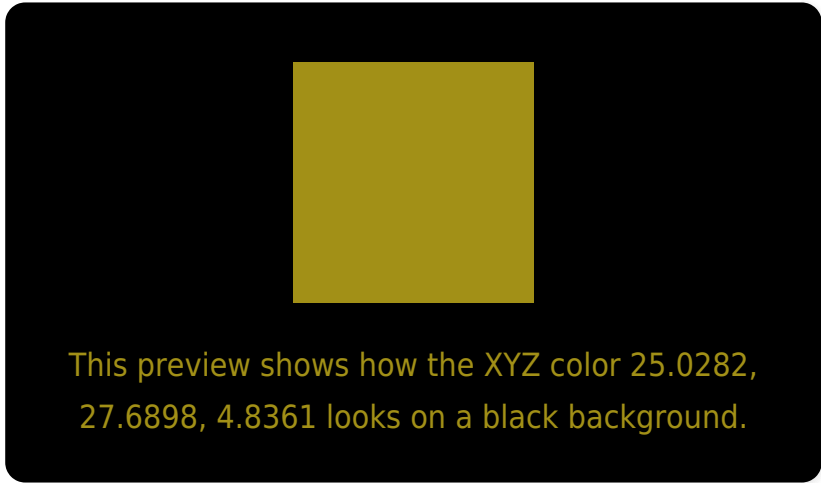
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 25.0282, 27.6898, 4.8361

Background



This preview shows how black text looks on a background with the XYZ color 25.0282, 27.6898, 4.8361.



This preview shows how white text looks on a background with the XYZ color 25.0282, 27.6898,

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

25.0282, 27.6898, 4.8361

Protanopia

25.0282, 27.6898, 4.8361

Deuteranopia

28.0698, 27.5159, 4.9303



Tritanopia

30.1367, 27.6099, 30.1264

Trichromacy



Original Color

25.0282, 27.6898, 4.8361

Protanomaly

25.0282, 27.6898, 4.8361

Deuteranomaly

26.8746, 27.5385, 4.8763

Tritanomaly

27.3251, 27.3125, 15.8883

Monochromacy



Original Color

25.0282, 27.6898, 4.8361

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9752, 25.3112, 14.5011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0282, 27.6898, 4.8361 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(162, 144, 23)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 23)  
}
```

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(162, 144, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 23) }
```

Border

The CSS property to change the border of an element to XYZ 25.0282, 27.6898, 4.8361 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(162, 144, 23) }
```


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

```
.border{ border-color:rgb(162, 144, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 144, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 23);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0282, 27.6898, 4.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 23) }
```

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

```
.background{ background-color: rgb(162,  
144, 23) }
```

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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