

Converting Colors

XYZ(24.7386, 28.1956, 6.2363)

Have a look what the booklet for
XYZ(24.7386, 28.1956, 6.2363)
contains.

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Color

**XYZ(24.7386, 28.1956,
6.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9329
RGB	157, 147, 41
RGB Percent	62%, 58%, 16%
CMY	0.3843, 0.4235, 0.8392
CMYK	0.00, 0.06, 0.74, 0.38
HSL	55°, 59%, 39%
HSV	55°, 74%, 62%
XYZ	24.7386, 28.1956, 6.2363
YIQ	137.9060, 39.9860, -30.8460

Conversions

Conversions Part 2

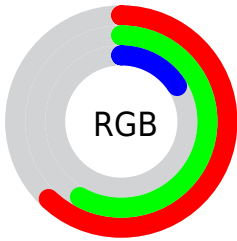
Format	Color
R_{YB}	52, 157, 41
Decimal	10326825
CIE _{Lab}	60.07, -8.63, 54.05
CIE _{LCh}	60, 54.737, 99.069
Yxy	28.1956, 0.4181, 0.4765
Android (android.graphics.Color)	4288516905 (0xFF9D9329)
YUV	137.9060, -47.7747, 16.7454
Hunter-Lab	53.0995, -9.7626, 30.2063

Details

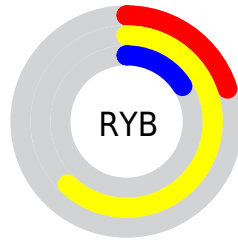
The XYZ color **24.7386, 28.1956, 6.2363** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.1842, 5.2735, 32.4847**, and the grayscale version is **24.2881, 25.5530, 27.8272**.

A 20% lighter version of the original color is **50.6386, 56.8776, 18.8992**, and **9.7542, 11.3742, 1.6813** is the 20% darker color. If you saturate the color by 10%, you get **24.3085, 27.6900, 5.0005**, and if you desaturate by 10%, it is **25.2817, 28.7525, 8.0496**.

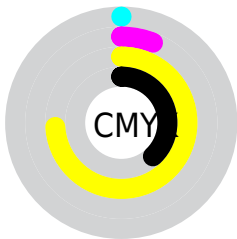
Distribution



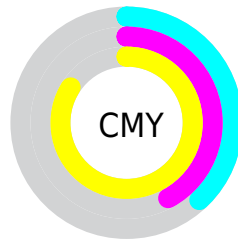
- Red (62%)
- Green (58%)
- Blue (16%)



- Red (20%)
- Yellow (62%)
- Blue (16%)



- Cyan (0%)
- Magenta (6%)
- Yellow (74%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7386, 28.1956, 6.2363 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 24.7386, 28.1956, 6.2363 by changing the saturation by 10% instead.


 24.7386, 28.1956,
6.2363


 24.7386, 28.1956,
6.2363


268.9054,
293.4004, 170.5406


 16.0101, 18.4732,
2.9182


 50.6788, 56.7966,
18.9055


 9.6222, 11.2902,
1.0530


 68.6212, 76.4439,
29.0937


 5.2095, 6.2624,
0.0000


 90.3656, 100.1683,
42.4089

 2.4067, 3.0053,
0.0000

 116.2774,
128.3542, 59.2698

 0.8485, 1.1345,
0.0000

 146.7219,
161.3859, 80.0949

 0.0000, 0.0072,
0.0000

 182.0645,

 0.0000, 0.0000,

199.6480, 105.3027

0.0000

222.6705,
243.5246, 135.3117

■ 24.7386, 28.1956,
6.2363

■ 24.7386, 28.1956,
6.2363

■ 24.3085, 27.6900,
5.0005

■ 25.2817, 28.7525,
8.0496

■ 23.9757, 27.2261,
4.2673

■ 25.9476, 29.3615,
10.5000

■ 23.7979, 26.9546,
3.9485

■ 26.7471, 30.0278,
13.6414

■ 27.6892, 30.7552,
17.5216

■ 28.7822, 31.5470,
22.1841

■ 30.0337, 32.4063,
27.6692

■ 31.4509, 33.3358,
34.0141

■ 33.0405, 34.3383,
41.2541

■ 34.8087, 35.4163,
49.4223

Harmonies

Analogous

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



31.8858, 28.1956, 6.9741



24.7386, 28.1956, 6.2363



19.1985, 28.1956, 9.4819

Triad

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



24.7386, 28.1956, 6.2363



17.6705, 28.1956, 61.8593



41.3921, 28.1956, 46.5822

Complementary

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



24.7386, 28.1956, 6.2363



8.1842, 5.2735, 32.4847

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.



36.1799, 28.1956, 71.2605



24.7386, 28.1956, 6.2363



22.2843, 28.1956, 82.4191

Square

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



24.7386, 28.1956, 6.2363



15.6097, 28.1956, 37.1667



28.9709, 28.1956, 86.4549



42.3588, 28.1956, 25.0310

Rectangle

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



24.7386, 28.1956, 6.2363



16.8557, 28.1956, 14.8774



28.9709, 28.1956, 86.4549



40.0400, 28.1956, 55.0008

Sweetspot

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



24.7392, 28.1969, 6.2369



51.8553, 56.7148, 41.0695



15.3312, 9.0077, 4.2512



11.2958, 12.3991, 8.5410



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.7392, 28.1969, 6.2369



43.1100, 49.0152, 7.9702



18.9627, 27.6277, 6.4315



7.1213, 7.6225, 7.0816



19.3417, 21.9190, 3.2114



0.3587, 0.4177, 0.0617

Inverse Universe

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



8.1842, 5.2735, 32.4847



11.9356, 5.9269, 57.6417



10.8470, 6.0661, 32.4973



6.3284, 6.5226, 8.3321



5.0780, 2.2475, 26.0734



0.1027, 0.0640, 0.4702

Previews

White Background



This preview shows how the XYZ color 24.7386, 28.1956, 6.2363 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 24.7386, 28.1956, 6.2363 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 24.7386, 28.1956, 6.2363

Background



This preview shows how black text looks on a background with the XYZ color 24.7386, 28.1956, 6.2363.



This preview shows how white text looks on a background with the XYZ color 24.7386, 28.1956,

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

24.7386, 28.1956, 6.2363

Protanopia

25.4259, 28.0923, 6.1801

Deuteranopia

28.4754, 27.9045, 6.3679



Tritanopia

30.0168, 28.1364, 31.8658

Trichromacy



Original Color

24.7386, 28.1956, 6.2363

Protanomaly

25.1763, 28.1914, 6.2124

Deuteranomaly

26.9928, 28.0023, 6.3652

Tritanomaly

27.3895, 27.9404, 18.4175

Monochromacy



Original Color

24.7386, 28.1956, 6.2363

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6501, 26.0488, 16.6134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7386, 28.1956, 6.2363 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(157, 147, 41)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 41)  
}
```

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(157, 147, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 41) }
```

Border

The CSS property to change the border of an element to XYZ 24.7386, 28.1956, 6.2363 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(157, 147, 41) }
```


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

```
.border{ border-color:rgb(157, 147, 41) }
```

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

Here you see how a box with a 4 pixel rgb(157, 147, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 147, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 147, 41);  
box-shadow:4px 4px 4px 4px rgb(157, 147,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7386, 28.1956, 6.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 41) }
```

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

```
.background{ background-color: rgb(157,  
147, 41) }
```

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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