

Converting Colors

XYZ(25.7017, 24.6737, 4.9980)

Have a look what the booklet for
XYZ(25.7017, 24.6737, 4.9980)
contains.

XYZ(25.7017, 24.6737, 4.9980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7017, 24.6737,
4.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8023
RGB	175, 128, 35
RGB Percent	69%, 50%, 14%
CMY	0.3137, 0.4980, 0.8627
CMYK	0.00, 0.27, 0.80, 0.31
HSL	40°, 67%, 41%
HSV	40°, 80%, 69%
XYZ	25.7017, 24.6737, 4.9980
YIQ	131.4510, 57.8650, -18.9590

Conversions

Conversions Part 2

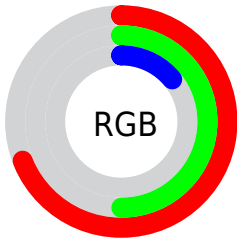
Format	Color
R_{YB}	106, 175, 35
Decimal	11501603
CIE _{Lab}	56.76, 9.72, 53.83
CIE _{LCh}	57, 54.703, 79.760
Yxy	24.6737, 0.4642, 0.4456
Android (android.graphics.Color)	4289691683 (0xFFAF8023)
YUV	131.4510, -47.5503, 38.1925
Hunter-Lab	49.6726, 5.4327, 28.8052

Details

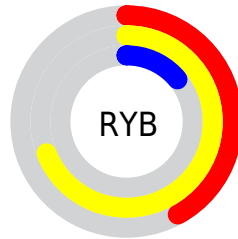
The XYZ color **25.7017, 24.6737, 4.9980** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.4481, 9.4867, 41.7847**, and the grayscale version is **21.8862, 23.0259, 25.0753**.

A 20% lighter version of the original color is **52.2170, 51.2448, 16.3716**, and **10.2672, 9.4435, 1.2816** is the 20% darker color. If you saturate the color by 10%, you get **24.7598, 23.1071, 3.7064**, and if you desaturate by 10%, it is **26.8187, 26.3833, 6.9876**.

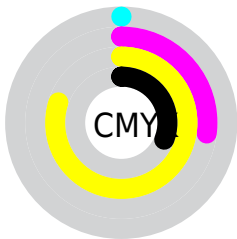
Distribution



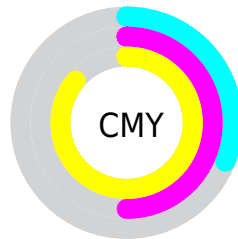
- Red (69%)
- Green (50%)
- Blue (14%)



- Red (42%)
- Yellow (69%)
- Blue (14%)



- Cyan (0%)
- Magenta (27%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7017, 24.6737, 4.9980 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 25.7017, 24.6737, 4.9980 by changing the saturation by 10% instead.

■ 25.7017, 24.6737,
4.9980

■ 25.7017, 24.6737,
4.9980

273.5983,
276.2090, 158.7449

■ 16.7321, 15.8341,
2.1874

■ 52.2281, 51.1274,
16.2529

■ 10.1378, 9.4068,
0.6671

■ 70.5156, 69.5103,
25.5342

■ 5.5534, 5.0075,
0.0000

■ 92.6397, 91.8430,
37.8096

■ 2.6135, 2.2517,
0.0000

■ 118.9659,
118.5101, 53.4974

■ 0.9529, 0.7479,
0.0000

■ 149.8596,
149.8958, 73.0164

■ 0.0000, 0.0000,
0.0000

■ 185.6859,

186.3846, 96.7849

226.8104,
228.3609, 125.2216

■ 25.7017, 24.6737,
4.9980

■ 25.7017, 24.6737,
4.9980

■ 24.7598, 23.1071,
3.7064

■ 26.8187, 26.3833,
6.9876

■ 23.9540, 21.6639,
2.9191

■ 28.1268, 28.2404,
9.7634

■ 23.9538, 21.6635,
2.9190

■ 29.6416, 30.2536,
13.4023

■ 31.3766, 32.4292,
17.9712

■ 33.3440, 34.7733,
23.5307

■ 35.5547, 37.2912,
30.1361

■ 38.0192, 39.9882,
37.8385

■ 40.7471, 42.8692,
46.6859

■ 43.7476, 45.9387,
56.7230

Harmonies

Analogous

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



32.3063, 24.6737, 7.9765



25.7017, 24.6737, 4.9980



19.5426, 24.6737, 5.5063

Triad

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



25.7017, 24.6737, 4.9980



13.6943, 24.6737, 40.5854



34.1221, 24.6737, 56.5666

Complementary

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



25.7017, 24.6737, 4.9980



11.4481, 9.4867, 41.7847

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.



27.8500, 24.6737, 75.3746



25.7017, 24.6737, 4.9980



16.3836, 24.6737, 63.6159

Square

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



25.7017, 24.6737, 4.9980



13.3293, 24.6737, 21.0890



21.3368, 24.6737, 78.4176



37.7199, 24.6737, 33.6107

Rectangle

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



25.7017, 24.6737, 4.9980



16.4458, 24.6737, 7.8924



21.3368, 24.6737, 78.4176



32.2087, 24.6737, 63.9533

Sweetspot

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



25.7023, 24.6749, 4.9985



61.8742, 64.7571, 48.5111



19.8804, 10.9562, 9.4549



13.4485, 14.0453, 9.8800



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7023, 24.6749, 4.9985



43.2375, 39.3927, 5.5854



28.9596, 37.6509, 7.3314



8.4328, 8.8704, 8.4811



17.2127, 15.6310, 2.1099



0.5265, 0.5302, 0.0746

Inverse Universe

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



11.4481, 9.4867, 41.7847



17.0053, 11.6687, 73.9929



9.9700, 5.1382, 41.0232



7.7904, 8.1802, 10.1210



6.7036, 4.5410, 29.5677



0.2378, 0.2289, 0.8396

Previews

White Background



This preview shows how the XYZ color 25.7017, 24.6737, 4.9980 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 25.7017, 24.6737, 4.9980 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 25.7017, 24.6737, 4.9980

Background



This preview shows how black text looks on a background with the XYZ color 25.7017, 24.6737, 4.9980.



This preview shows how white text looks on a background with the XYZ color 25.7017, 24.6737,

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

25.7017, 24.6737, 4.9980

Protanopia

22.4165, 24.7972, 5.3551

Deuteranopia

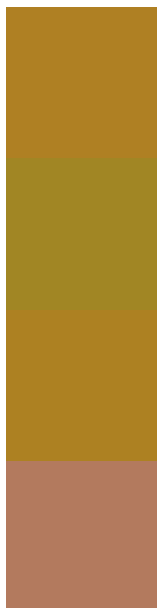
25.2846, 24.8514, 4.9775



Tritanopia

29.5492, 24.5759, 23.6083

Trichromacy



Original Color

25.7017, 24.6737, 4.9980

Protanomaly

23.5415, 24.7546, 5.2064

Deuteranomaly

25.3726, 24.7002, 4.9437

Tritanomaly

27.5703, 24.3109, 13.8290

Monochromacy



Original Color

25.7017, 24.6737, 4.9980

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1266, 23.0128, 14.3421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7017, 24.6737, 4.9980 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(175, 128, 35)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 35)  
}
```

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(175, 128, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 35) }
```

Border

The CSS property to change the border of an element to XYZ 25.7017, 24.6737, 4.9980 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(175, 128, 35) }
```


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

```
.border{ border-color:rgb(175, 128, 35) }
```

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

Here you see how a box with a 4 pixel rgb(175, 128, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 128, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 128, 35);  
box-shadow:4px 4px 4px 4px rgb(175, 128,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7017, 24.6737, 4.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 35) }
```

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

```
.background{ background-color: rgb(175,  
128, 35) }
```

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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