

Converting Colors

XYZ(28.6067, 27.1398, 4.3232)

Have a look what the booklet for
XYZ(28.6067, 27.1398, 4.3232)
contains.

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Color

**XYZ(28.7464, 27.2578,
4.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8512
RGB	186, 133, 18
RGB Percent	73%, 52%, 7%
CMY	0.2706, 0.4784, 0.9294
CMYK	0.00, 0.28, 0.90, 0.27
HSL	41°, 82%, 40%
HSV	41°, 90%, 73%
XYZ	28.7464, 27.2578, 4.3185
YIQ	135.7370, 68.5030, -24.5290

Conversions

Conversions Part 2

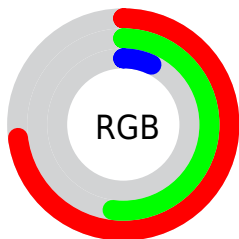
Format	Color
R_{YB}	95, 186, 18
Decimal	12223762
CIE _{Lab}	59.21, 11.43, 61.47
CIE _{LCh}	59, 62.525, 79.464
Yxy	27.2578, 0.4765, 0.4519
Android (android.graphics.Color)	4290413842 (0xFFBA8512)
YUV	135.7370, -58.0443, 44.0807
Hunter-Lab	52.2090, 6.9168, 31.6421

Details

The XYZ color **28.7464, 27.2578, 4.3185** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.3658, 8.1806, 47.4340**, and the grayscale version is **23.4965, 24.7202, 26.9203**.

A 20% lighter version of the original color is **57.2562, 55.4278, 14.7021**, and **12.0724, 10.9298, 1.4734** is the 20% darker color. If you saturate the color by 10%, you get **27.8809, 25.7017, 3.4914**, and if you desaturate by 10%, it is **29.7915, 28.9985, 5.7452**.

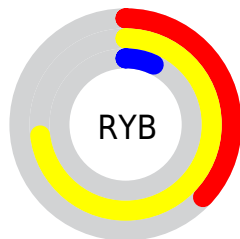
Distribution



Red (73%)

Green (52%)

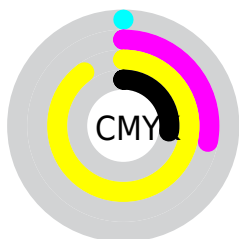
Blue (7%)



Red (37%)

Yellow (73%)

Blue (7%)

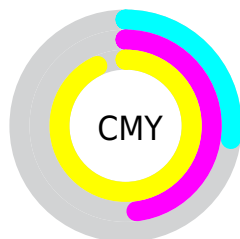


Cyan (0%)

Magenta (28%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7464, 27.2578, 4.3185 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 28.7464, 27.2578, 4.3185 by changing the saturation by 10% instead.


 28.7464, 27.2578,
4.3185

 28.7464, 27.2578,
4.3185


288.0324,
288.9032, 151.7023


 19.0324, 17.7669,
1.8016

 57.0743, 55.2973,
14.7379

 11.7978, 10.7828,
0.4290


 76.4188, 74.6147,
23.4775

 6.6774, 5.9210,
0.0000


 99.7043, 97.9764,
35.1285

 3.3057, 2.7971,
0.0000

 127.2960,
125.7668, 50.1093

 1.3174, 1.0267,
0.0000

 159.5593,
158.3703, 68.8386

 0.1962, 0.0000,
0.0000

 196.8595,

 0.0000, 0.0000,

196.1712, 91.7348

0.0000

239.5621,
239.5541, 119.2165

28.7464, 27.2578,
4.3185

28.7464, 27.2578,
4.3185

27.8809, 25.7017,
3.4914

29.7915, 28.9985,
5.7452

31.0298, 30.8883,
7.9672

32.4827, 32.9380,
11.0903

34.1675, 35.1556,
15.2038

36.1000, 37.5484,
20.3860

■ 38.2939, 40.1231,
26.7074

■ 40.7623, 42.8858,
34.2325

■ 43.5169, 45.8422,
43.0207

■ 46.5690, 48.9979,
53.1277

Harmonies

Analogous

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



36.9222, 27.2578, 7.5476



28.7464, 27.2578, 4.3185



21.2269, 27.2578, 4.8149

Triad

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



28.7464, 27.2578, 4.3185



14.1887, 27.2578, 46.4057



39.0516, 27.2578, 67.2369

Complementary

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



28.7464, 27.2578, 4.3185



11.3658, 8.1806, 47.4340

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.



31.2306, 27.2578, 91.3449



28.7464, 27.2578, 4.3185



17.3356, 27.2578, 75.7223

Square

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



28.7464, 27.2578, 4.3185



13.7882, 27.2578, 22.5011



23.2624, 27.2578, 95.0539



43.6160, 27.2578, 38.2412

Rectangle

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



28.7464, 27.2578, 4.3185



17.5003, 27.2578, 7.3424



23.2624, 27.2578, 95.0539



36.6510, 27.2578, 76.6899

Sweetspot

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



28.7470, 27.2592, 4.3190



70.6435, 74.1287, 52.0977



21.6099, 11.3295, 7.0436



15.2338, 15.9564, 10.5076



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.7470, 27.2592, 4.3190



50.3092, 46.1323, 6.2528



31.2242, 42.1497, 7.0626



9.5048, 10.0125, 9.5386



18.8271, 17.4305, 2.3721



0.7166, 0.7202, 0.1012

Inverse Universe

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



11.3658, 8.1806, 47.4340



18.6780, 11.6527, 85.4662



10.3366, 4.6262, 46.8021



8.7461, 9.1695, 11.3884



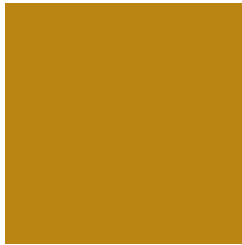
7.0639, 4.5875, 31.7662



0.3062, 0.2762, 1.1389

Previews

White Background



This preview shows how the XYZ color 28.7464, 27.2578, 4.3185 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 28.7464, 27.2578, 4.3185 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 28.7464, 27.2578, 4.3185

Background



This preview shows how black text looks on a background with the XYZ color 28.7464, 27.2578, 4.3185.



This preview shows how white text looks on a background with the XYZ color 28.7464, 27.2578,

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

28.7464, 27.2578, 4.3185

Protanopia

24.6558, 27.2761, 4.6748

Deuteranopia

27.8063, 27.1862, 4.2338



Tritanopia

33.1795, 27.3152, 25.7139

Trichromacy



Original Color

28.7464, 27.2578, 4.3185

Protanomaly

25.9364, 27.0618, 4.5183

Deuteranomaly

28.1471, 27.1549, 4.2481

Tritanomaly

30.7129, 26.8812, 13.4674

Monochromacy



Original Color

28.7464, 27.2578, 4.3185

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9662, 24.9883, 13.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7464, 27.2578, 4.3185 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(186, 133, 18)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 18)  
}
```

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(186, 133, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 18) }
```

Border

The CSS property to change the border of an element to XYZ 28.7464, 27.2578, 4.3185 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(186, 133, 18) }
```


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

```
.border{ border-color:rgb(186, 133, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 18);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7464, 27.2578, 4.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 18) }
```

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

```
.background{ background-color: rgb(186,  
133, 18) }
```

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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