

Converting Colors

XYZ(28.1009, 14.5919, 43.6121)

Have a look what the booklet for
XYZ(28.1009, 14.5919, 43.6121)
contains.

XYZ(28.0204, 14.5457, 43.4502)	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(28.0204, 14.5457,
43.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	B626B2
RGB	182, 38, 178
RGB Percent	71%, 15%, 70%
CMY	0.2863, 0.8509, 0.3020
CMYK	0.00, 0.79, 0.02, 0.29
HSL	302°, 65%, 43%
HSV	302°, 79%, 71%
XYZ	28.0204, 14.5457, 43.4502
YIQ	97.0160, 40.8840, 74.0680

Conversions

Conversions Part 2

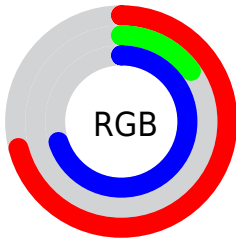
Format	Color
R_{YB}	182, 38, 178
Decimal	11937458
CIE _{Lab}	45.01, 69.82, -42.06
CIE _{LCh}	45, 81.510, 328.933
Yxy	14.5457, 0.3258, 0.1691
Android (android.graphics.Color)	4290127538 (0xFFB626B2)
YUV	97.0160, 39.9251, 74.5310
Hunter-Lab	38.1388, 64.4001, -40.8498

Details

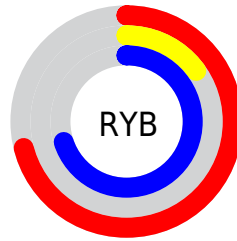
The XYZ color **28.0204, 14.5457, 43.4502** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17.9459, 34.0358, 7.8151**, and the grayscale version is **11.2655, 11.8522, 12.9070**.

A 20% lighter version of the original color is **55.7806, 33.9486, 81.4547**, and **12.1591, 5.8406, 19.8885** is the 20% darker color. If you saturate the color by 10%, you get **27.5237, 13.6329, 43.0347**, and if you desaturate by 10%, it is **28.8028, 16.0286, 43.9621**.

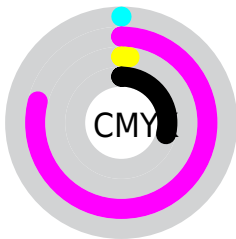
Distribution



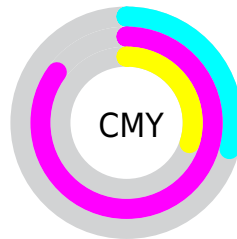
- Red (71%)
- Green (15%)
- Blue (70%)



- Red (71%)
- Yellow (15%)
- Blue (70%)



- Cyan (0%)
- Magenta (79%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (85%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0204, 14.5457, 43.4502 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 28.0204, 14.5457, 43.4502 by changing the saturation by 10% instead.

 28.0204, 14.5457,
43.4502


 28.0204, 14.5457,
43.4502

284.6427,
220.5997, 376.4354


 18.4816, 8.5012,
29.9045


 55.9254, 34.0542,
81.6834


 11.3981, 4.4173,
19.5147


 75.0223, 48.2870,
107.2080


 6.4045, 1.9096,
11.8622


 98.0360, 66.0180,
137.5627

 3.1355, 0.5541,
6.5285

 125.3317, 87.6315,
173.1659

 1.2258, 0.0000,
3.0951

 157.2749,
113.5121, 214.4362

 0.1266, 0.0000,
1.1434

 194.2309,

 0.0000, 0.0000,

144.0441, 261.7922

0.0000

236.5650,
179.6118, 315.6525

■ 28.0204, 14.5457,
43.4502

■ 28.0204, 14.5457,
43.4502

■ 27.5237, 13.6329,
43.0347

■ 28.8028, 16.0286,
43.9621

■ 27.2438, 13.1540,
42.6922

■ 29.9057, 18.1527,
44.5816

■ 27.2219, 13.1173,
42.6630

■ 31.3609, 20.9812,
45.3195

■ 33.1959, 24.5688,
46.1849

■ 35.4354, 28.9651,
47.1861

■ 38.1020, 34.2155,
48.3306

■ 41.2168, 40.3620,
49.6254

■ 44.7994, 47.4436,
51.0771

■ 48.8682, 55.4974,
52.6918

Harmonies

Analogous

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



21.0243, 14.5457, 74.8588



28.0204, 14.5457, 43.4502



31.0750, 14.5457, 16.5337

Triad

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



28.0204, 14.5457, 43.4502



14.0661, 14.5457, 0.0000



5.3498, 14.5457, 41.1633

Complementary

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



28.0204, 14.5457, 43.4502



17.9459, 34.0358, 7.8151

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.



4.5432, 14.5457, 15.1617



28.0204, 14.5457, 43.4502



8.4916, 14.5457, 0.4376

Square

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



28.0204, 14.5457, 43.4502



21.5777, 14.5457, 0.5437



5.4780, 14.5457, 3.4226



8.1954, 14.5457, 72.9436

Rectangle

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



28.0204, 14.5457, 43.4502



29.9005, 14.5457, 6.6433



5.4780, 14.5457, 3.4226



4.8814, 14.5457, 31.0398

Sweetspot

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



28.0210, 14.5464, 43.4505



66.4214, 56.7985, 86.4911



10.0281, 5.2236, 44.7363



14.3036, 11.8232, 18.9446



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.0210, 14.5464, 43.4505



49.5132, 24.0532, 77.5532



22.6709, 12.4063, 15.2772



9.3699, 9.1583, 11.2951



19.2278, 9.2649, 30.1502



0.6812, 0.3280, 1.0808

Inverse Universe

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



28.0210, 14.5464, 43.4505



49.5132, 24.0532, 77.5532



20.4751, 35.0475, 21.1334



9.3699, 9.1583, 11.2951



19.2278, 9.2649, 30.1502



0.6812, 0.3280, 1.0808

Previews

White Background



This preview shows how the XYZ color 28.0204, 14.5457, 43.4502 looks on a white background.

Color Contrast Check

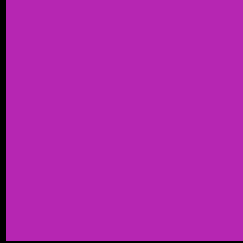
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.0204, 14.5457, 43.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

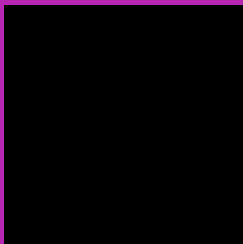
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0204, 14.5457, 43.4502

Background



This preview shows how black text looks on a background with the XYZ color 28.0204, 14.5457, 43.4502.



This preview shows how white text looks on a background with the XYZ color 28.0204, 14.5457,

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

28.0204, 14.5457, 43.4502

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

15.2272, 14.8384, 39.1073



Tritanopia

21.1901, 14.6876, 9.7008

Trichromacy



Original Color

28.0204, 14.5457, 43.4502



Protanomaly

16.1349, 11.3034, 59.0890



Deuteranomaly

17.4031, 12.5906, 40.5427



Tritanomaly

22.8929, 14.0695, 18.3387

Monochromacy



Original Color

28.0204, 14.5457, 43.4502



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

15.2524, 11.2644, 21.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0204, 14.5457, 43.4502 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(182, 38, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 38, 178)  
}
```

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(182, 38, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 38, 178) }
```

Border

The CSS property to change the border of an element to XYZ 28.0204, 14.5457, 43.4502 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(182, 38, 178) }
```


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

```
.border{ border-color:rgb(182, 38, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 38, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 38, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 38, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 38,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0204, 14.5457, 43.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 38, 178) }
```

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

```
.background{ background-color: rgb(182, 38,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor