

Converting Colors

XYZ(25.5048, 13.3183, 51.9805)

Have a look what the booklet for
XYZ(25.5048, 13.3183, 51.9805)
contains.

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Color

**XYZ(25.5018, 13.3042,
52.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	A22BC2
RGB	162, 43, 194
RGB Percent	64%, 17%, 76%
CMY	0.3647, 0.8314, 0.2392
CMYK	0.16, 0.78, 0.00, 0.24
HSL	287°, 64%, 46%
HSV	287°, 78%, 76%
XYZ	25.5018, 13.3042, 52.2628
YIQ	95.7950, 22.4530, 72.1890

Conversions

Conversions Part 2

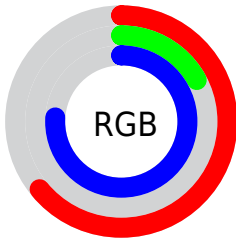
Format	Color
R_{YB}	162, 43, 194
Decimal	10628034
CIE _{Lab}	43.22, 67.24, -54.49
CIE _{LCh}	43, 86.548, 320.977
Yxy	13.3042, 0.2800, 0.1461
Android (android.graphics.Color)	4288818114 (0xFFA22BC2)
YUV	95.7950, 48.4151, 58.0618
Hunter-Lab	36.4749, 60.9689, -59.4208

Details

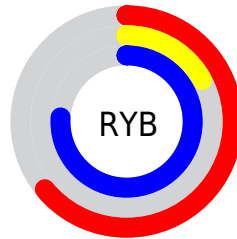
The XYZ color **25.5018, 13.3042, 52.2628** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **22.6299, 40.2542, 8.8631**, and the grayscale version is **10.9523, 11.5226, 12.5482**.

A 20% lighter version of the original color is **51.6792, 31.6834, 94.6585**, and **10.4859, 4.8673, 24.8129** is the 20% darker color. If you saturate the color by 10%, you get **24.1353, 11.7902, 52.0428**, and if you desaturate by 10%, it is **27.2320, 15.5037, 52.5964**.

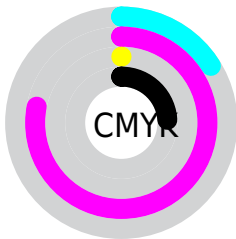
Distribution



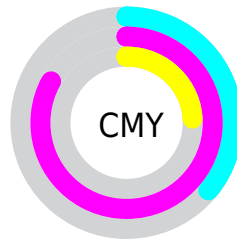
- Red (64%)
- Green (17%)
- Blue (76%)



- Red (64%)
- Yellow (17%)
- Blue (76%)



- Cyan (16%)
- Magenta (78%)
- Yellow (0%)
- Black (24%)




- Cyan (36%)
- Magenta (83%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5018, 13.3042, 52.2628 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 25.5018, 13.3042, 52.2628 by changing the saturation by 10% instead.

 25.5018, 13.3042,
52.2628


 25.5018, 13.3042,
52.2628


272.6296,
212.8581, 412.4361


 16.5820, 7.6384,
36.8309


 51.9072, 31.8492,
94.9492


 10.0304, 3.8644,
24.7818


 70.1235, 45.4972,
123.0408


 5.4815, 1.5980,
15.6971


 92.1694, 62.5746,
156.1894

 2.5701, 0.3563,
9.1580

 118.4102, 83.4660,
194.8136

 0.9307, 0.0000,
4.7462

 149.2112,
108.5556, 239.3317

 0.0000, 0.0000,
2.0430

 184.9379,

 0.0000, 0.0000,

138.2279, 290.1625

0.5815

225.9556,
172.8673, 347.7245

■ 0.0000, 0.0000,
0.0000

■ 25.5018, 13.3042,
52.2628

■ 25.5018, 13.3042,
52.2628

■ 24.1353, 11.7902,
52.0428

■ 27.2320, 15.5037,
52.5964

■ 23.0678, 10.8348,
51.9147

■ 29.3663, 18.4713,
53.0567

■ 22.8535, 10.6565,
51.8916

■ 31.9416, 22.2795,
53.6560

■ 34.9898, 26.9918,
54.4049

■ 38.5399, 32.6658,
55.3130

■ 42.6181, 39.3539,
56.3890

■ 47.2493, 47.1050,
57.6410

■ 52.4562, 55.9646,
59.0767

■ 58.2606, 65.9757,
60.7031

Harmonies

Analogous

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



17.8316, 13.3042, 83.2907



25.5018, 13.3042, 52.2628



30.0779, 13.3042, 21.0657

Triad

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



25.5018, 13.3042, 52.2628



14.7718, 13.3042, 0.0000



4.0360, 13.3042, 32.0805

Complementary

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



25.5018, 13.3042, 52.2628



22.6299, 40.2542, 8.8631

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.



3.7208, 13.3042, 9.4425



25.5018, 13.3042, 52.2628



8.5768, 13.3042, 0.0000

Square

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



25.5018, 13.3042, 52.2628



22.5963, 13.3042, 0.5087



5.0534, 13.3042, 1.4685



6.1523, 13.3042, 66.0899

Rectangle

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



25.5018, 13.3042, 52.2628



29.9424, 13.3042, 8.5429



5.0534, 13.3042, 1.4685



3.7546, 13.3042, 22.6935

Sweetspot

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



25.5024, 13.3047, 52.2631



73.0046, 64.3634, 101.0454



13.2993, 9.5392, 52.1794



15.4099, 13.1535, 21.9766



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.5024, 13.3047, 52.2631



42.3992, 20.1329, 94.1211



28.7159, 15.4389, 30.8377



10.2816, 10.1363, 12.6994



15.0960, 7.0427, 34.1203



0.7058, 0.3319, 1.4767

Inverse Universe

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



24.3824, 13.7055, 8.0175



41.5450, 21.6120, 7.3591



21.9595, 39.7659, 15.2773



10.1586, 10.1120, 10.9257



14.9169, 7.6565, 2.2084



0.6705, 0.3412, 0.2323

Previews

White Background



This preview shows how the XYZ color 25.5018, 13.3042, 52.2628 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 25.5018, 13.3042, 52.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

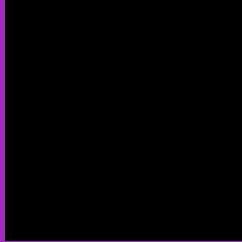
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5018, 13.3042, 52.2628

Background



This preview shows how black text looks on a background with the XYZ color 25.5018, 13.3042, 52.2628.



This preview shows how white text looks on a background with the XYZ color 25.5018, 13.3042,

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

25.5018, 13.3042, 52.2628

Protanopia

16.0947, 13.5768, 62.7451

Deuteranopia

13.9329, 13.5319, 47.2250



Tritanopia

17.2285, 13.3747, 11.3464

Trichromacy



Original Color

25.5018, 13.3042, 52.2628



Protanomaly

15.4987, 10.8814, 58.4102



Deuteranomaly

14.8420, 11.0819, 48.9337



Tritanomaly

19.1613, 12.5871, 21.8417

Monochromacy



Original Color

25.5018, 13.3042, 52.2628



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

14.5645, 10.9668, 23.1790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5018, 13.3042, 52.2628 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, 43, 194)` looks like.

```
.text, #text, p{  
    color:rgb(162, 43, 194)  
}
```

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, 43, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 43, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.5018, 13.3042, 52.2628 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, 43, 194) }
```


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

```
.border{ border-color:rgb(162, 43, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 43, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 43, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 43, 194);  
box-shadow:4px 4px 4px 4px rgb(162, 43,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5018, 13.3042, 52.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 43, 194) }
```

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

```
.background{ background-color: rgb(162, 43,  
194) }
```

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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