

Converting Colors

XYZ(29.0410, 25.6171, 58.0579)

Have a look what the booklet for
XYZ(29.0410, 25.6171, 58.0579)
contains.

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Color

**XYZ(29.0554, 25.6244,
58.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	8B82C8
RGB	139, 130, 200
RGB Percent	55%, 51%, 78%
CMY	0.4549, 0.4902, 0.2157
CMYK	0.30, 0.35, 0.00, 0.22
HSL	248°, 39%, 65%
HSV	248°, 35%, 78%
XYZ	29.0554, 25.6244, 58.0582
YIQ	140.6710, -17.1060, 23.6780

Conversions

Conversions Part 2

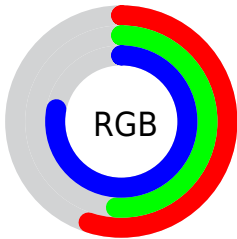
Format	Color
R _Y B	139, 130, 200
Decimal	9142984
CIE Lab	57.68, 19.24, -35.15
CIE LCh	58, 40.069, 298.697
Yxy	25.6244, 0.2577, 0.2273
Android (android.graphics.Color)	4287333064 (0xFF8B82C8)
YUV	140.6710, 29.2492, -1.4655
Hunter-Lab	50.6205, 13.8702, -32.5671

Details

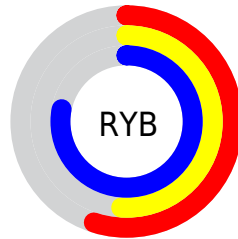
The XYZ color **29.0554, 25.6244, 58.0582** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.1701, 53.9972, 29.1092**, and the grayscale version is **25.0836, 26.3899, 28.7386**.

A 20% lighter version of the original color is **57.2316, 52.5563, 101.7357**, and **12.0612, 9.9864, 28.4860** is the 20% darker color. If you saturate the color by 10%, you get **23.9675, 19.4292, 57.1310**, and if you desaturate by 10%, it is **35.1261, 33.0948, 59.1806**.

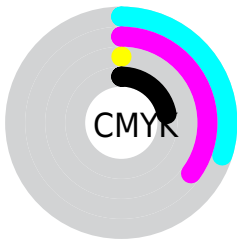
Distribution



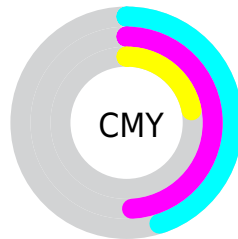
- Red (55%)
- Green (51%)
- Blue (78%)



- Red (55%)
- Yellow (51%)
- Blue (78%)



- Cyan (30%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0554, 25.6244, 58.0582 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 29.0554, 25.6244, 58.0582 by changing the saturation by 10% instead.

■ 29.0554, 25.6244,
58.0582

■ 29.0554, 25.6244,
58.0582

289.4657,
280.9334, 435.0071

■ 19.2672, 16.5429,
41.4404

■ 57.5620, 52.6684,
103.5232

■ 11.9687, 9.9091,
28.3411

■ 77.0112, 71.3996,
133.2076

■ 6.7944, 5.3387,
18.3417

■ 100.4115, 94.1162,
168.0845

■ 3.3790, 2.4473,
11.0236

128.1281,
121.2026, 208.5726

■ 1.3572, 0.8501,
5.9683

160.5265,
153.0431, 255.0903

■ 0.2254, 0.0000,
2.7574

197.9720,

■ 0.0000, 0.0000,

190.0221, 308.0563

0.9721

240.8300,
232.5241, 367.8890

■ 0.0000, 0.0000,
0.0000

■ 29.0554, 25.6244,
58.0582

■ 29.0554, 25.6244,
58.0582

■ 23.9675, 19.4292,
57.1310

■ 35.1261, 33.0948,
59.1806

■ 19.8076, 14.4347,
56.3862

■ 42.2251, 41.9034,
60.5067

■ 16.5198, 10.5634,
55.8123

■ 50.3981, 52.1123,
62.0464

■ 14.0408, 7.7274,
55.3955

■ 59.6874, 63.7790,
63.8088

■ 12.2987, 5.8252,
55.1202

■ 70.1330, 76.9580,
65.8020

■ 11.2079, 4.7347,
54.9672

■ 81.7728, 91.7006,
68.0341

■ 10.8441, 4.3860,
54.9191

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



24.1461, 25.6244, 63.4939



29.0554, 25.6244, 58.0582



33.1116, 25.6244, 43.9890

Triad

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



29.0554, 25.6244, 58.0582



29.4658, 25.6244, 10.8757



16.2525, 25.6244, 27.3044

Complementary

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



29.0554, 25.6244, 58.0582



46.1701, 53.9972, 29.1092

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.



17.2971, 25.6244, 16.3084



29.0554, 25.6244, 58.0582



24.5655, 25.6244, 8.9543

Square

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



29.0554, 25.6244, 58.0582



33.3696, 25.6244, 17.0464



20.1914, 25.6244, 10.5584



17.1307, 25.6244, 42.5951

Rectangle

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



29.0554, 25.6244, 58.0582



34.5597, 25.6244, 33.4020



20.1914, 25.6244, 10.5584



16.3876, 25.6244, 23.0391

Sweetspot

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



29.0563, 25.6254, 58.0588



79.7399, 80.8221, 106.0052



38.4451, 46.5428, 61.6014



16.6409, 16.7665, 22.6091



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.



29.0563, 25.6254, 58.0588



43.4575, 36.0153, 99.2689



35.6792, 29.0396, 58.3687



10.1813, 10.3517, 13.3790



6.9377, 2.8108, 34.9212



0.3713, 0.1552, 1.6555

Inverse Universe

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



41.2067, 32.0071, 53.2971



67.7258, 48.7731, 89.2442



38.5564, 50.0722, 28.7529



11.0222, 10.7922, 13.0999



20.0441, 9.7672, 26.5057



0.9659, 0.4692, 1.3436

Previews

White Background



This preview shows how the XYZ color 29.0554, 25.6244, 58.0582 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 29.0554, 25.6244, 58.0582 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 29.0554, 25.6244, 58.0582

Background



This preview shows how black text looks on a background with the XYZ color 29.0554, 25.6244, 58.0582.



This preview shows how white text looks on a background with the XYZ color 29.0554, 25.6244,

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

29.0554, 25.6244, 58.0582

Protanopia

26.8938, 25.6609, 61.2932

Deuteranopia

26.2089, 25.6134, 56.9886



Tritanopia

24.0173, 25.6577, 32.9647

Trichromacy



Original Color

29.0554, 25.6244, 58.0582

Protanomaly

27.6168, 25.6471, 59.9947

Deuteranomaly

27.1461, 25.4588, 57.5161

Tritanomaly

25.6385, 25.4594, 41.0990

Monochromacy



Original Color

29.0554, 25.6244, 58.0582

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2825, 26.0754, 37.8302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0554, 25.6244, 58.0582 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(139, 130, 200)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 200)  
}
```

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(139, 130, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 200) }
```

Border

The CSS property to change the border of an element to XYZ 29.0554, 25.6244, 58.0582 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(139, 130, 200) }
```


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

```
.border{ border-color:rgb(139, 130, 200) }
```

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

Here you see how a box with a 4 pixel rgb(139, 130, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 200);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0554, 25.6244, 58.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 200) }
```

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

```
.background{ background-color: rgb(139,  
130, 200) }
```

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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