

Converting Colors

XYZ(9.5916, 9.1292, 14.6212)

Have a look what the booklet for
XYZ(9.5916, 9.1292, 14.6212)
contains.

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Color

**XYZ(9.5916, 9.1292,
14.6212)**

Conversions

Conversions Part 1

Format	Color
Hex	585269
RGB	88, 82, 105
RGB Percent	35%, 32%, 41%
CMY	0.6549, 0.6784, 0.5882
CMYK	0.16, 0.22, 0.00, 0.59
HSL	256°, 12%, 37%
HSV	256°, 22%, 41%
XYZ	9.5916, 9.1292, 14.6212
YIQ	86.4160, -3.8070, 8.4250

Conversions

Conversions Part 2

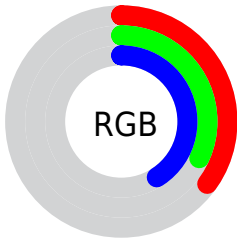
Format	Color
R_{YB}	88, 82, 105
Decimal	5788265
CIE Lab	36.23, 7.65, -12.36
CIE LCh	36, 14.536, 301.742
Yxy	9.1292, 0.2877, 0.2738
Android (android.graphics.Color)	4283978345 (0xFF585269)
YUV	86.4160, 9.1619, 1.3892
Hunter-Lab	30.2146, 3.7893, -7.5410

Details

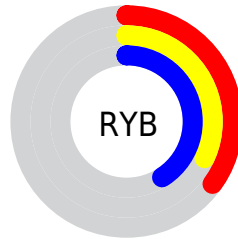
The XYZ color **9.5916, 9.1292, 14.6212** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7204, 13.3652, 9.9450**, and the grayscale version is **8.9158, 9.3801, 10.2149**.

A 20% lighter version of the original color is **24.5983, 24.0362, 34.7955**, and **2.3801, 2.1209, 4.2869** is the 20% darker color. If you saturate the color by 10%, you get **8.1637, 7.3065, 14.3448**, and if you desaturate by 10%, it is **11.2195, 11.2354, 14.9421**.

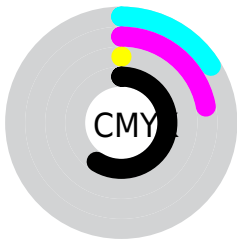
Distribution



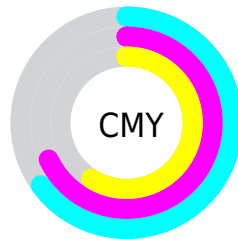
- Red (35%)
- Green (32%)
- Blue (41%)



- Red (35%)
- Yellow (32%)
- Blue (41%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5916, 9.1292, 14.6212 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 9.5916, 9.1292, 14.6212 by changing the saturation by 10% instead.

■ 9.5916, 9.1292,
14.6212

■ 9.5916, 9.1292,
14.6212

181.8471,
184.3388, 232.6231

■ 5.1892, 4.8256,
8.4103

■ 24.6812, 24.1442,
34.9201

■ 2.3946, 2.1453,
4.2671

■ 36.0990, 35.6243,
49.8452

■ 0.8424, 0.6899,
1.7730

■ 50.5861, 50.2654,
68.5122

■ 0.0000, 0.0000,
0.4100

■ 68.5078, 68.4518,
91.3395

■ 0.0000, 0.0000,
0.0000

■ 90.2294, 90.5680,
118.7457

116.1162,

116.9983, 151.1493

146.5337,
148.1271, 188.9689

■ 9.5916, 9.1292,
14.6212

■ 9.5916, 9.1292,
14.6212

■ 8.1637, 7.3065,
14.3448

■ 11.2195, 11.2354,
14.9421

■ 6.9270, 5.7538,
14.1103

■ 13.0540, 13.6355,
15.3087

■ 5.8733, 4.4585,
13.9158

■ 15.1025, 16.3405,
15.7228

■ 4.9936, 3.4062,
13.7590

■ 17.3718, 19.3610,
16.1862

■ 4.2777, 2.5813,
13.6375

■ 19.8682, 22.7065,
16.7004

■ 3.7146, 1.9661,
13.5485

■ 22.5979, 26.3866,
17.2668

■ 3.2911, 1.5390,
13.4884

■ 25.5668, 30.4101,
17.8870

■ 3.0122, 1.2583,
13.4489

■ 28.7808, 34.7858,
18.5622

■ 32.2452, 39.5220,
19.2938

Harmonies

Analogous

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



8.7282, 9.1292, 15.5693



9.5916, 9.1292, 14.6212



10.2432, 9.1292, 12.3976

Triad

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



9.5916, 9.1292, 14.6212



9.4973, 9.1292, 6.2746



7.1032, 9.1292, 10.0872

Complementary

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



9.5916, 9.1292, 14.6212



11.7204, 13.3652, 9.9450

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.



7.2792, 9.1292, 7.8310



9.5916, 9.1292, 14.6212



8.6261, 9.1292, 5.8635

Square

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



9.5916, 9.1292, 14.6212



10.1863, 9.1292, 7.6168



7.8225, 9.1292, 6.3829



7.3248, 9.1292, 12.6935

Rectangle

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



9.5916, 9.1292, 14.6212



10.4488, 9.1292, 10.6477



7.8225, 9.1292, 6.3829



7.1178, 9.1292, 9.2647

Sweetspot

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



9.5919, 9.1296, 14.6214



21.5873, 22.0720, 27.0536



10.5153, 11.7852, 15.0853



5.0314, 5.1371, 6.3322



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



9.5919, 9.1296, 14.6214



15.8925, 14.7039, 25.9315



10.7403, 9.7216, 14.6751



3.0156, 3.0598, 3.8665



3.7816, 1.5765, 17.0272



18.5559, 7.6655, 86.7278

Inverse Universe

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



11.0954, 9.9391, 13.1384



19.0931, 16.4285, 22.7116



10.5757, 12.7751, 9.8915



3.1855, 3.1511, 3.7073



9.0847, 4.4860, 9.3402



45.9212, 22.7104, 45.6490

Previews

White Background



This preview shows how the XYZ color 9.5916, 9.1292, 14.6212 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 ✓ Pass

Black Background



This preview shows how the XYZ color 9.5916, 9.1292, 14.6212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 9.5916, 9.1292, 14.6212

Background



This preview shows how black text looks on a background with the XYZ color 9.5916, 9.1292, 14.6212.



This preview shows how white text looks on a background with the XYZ color 9.5916, 9.1292,

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

9.5916, 9.1292, 14.6212

Protanopia

9.1324, 9.1077, 15.1865

Deuteranopia

9.2992, 9.0913, 14.6293



Tritanopia

8.8964, 9.0744, 11.1802

Trichromacy



Original Color

9.5916, 9.1292, 14.6212

Protanomaly

9.2621, 9.0661, 14.8974

Deuteranomaly

9.3894, 9.1377, 14.6335

Tritanomaly

9.1351, 9.0573, 12.3331

Monochromacy



Original Color

9.5916, 9.1292, 14.6212

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.1548, 9.3135, 11.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5916, 9.1292, 14.6212 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(88, 82, 105) looks like.

```
.text, #text, p{  
    color:rgb(88, 82, 105)  
}
```

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(88, 82, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 82, 105) }
```

Border

The CSS property to change the border of an element to XYZ 9.5916, 9.1292, 14.6212 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(88, 82, 105) }
```


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

```
.border{ border-color:rgb(88, 82, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 82, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 82, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 82, 105);  
box-shadow:4px 4px 4px 4px rgb(88, 82,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5916, 9.1292, 14.6212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 82, 105) }
```

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

```
.background{ background-color: rgb(88, 82,  
105) }
```

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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