

Converting Colors

XYZ(30.0401, 27.4234, 60.8373)

Have a look what the booklet for
XYZ(30.0401, 27.4234, 60.8373)
contains.

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Color

**XYZ(30.1613, 27.5693,
60.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	8989CC
RGB	137, 137, 204
RGB Percent	54%, 54%, 80%
CMY	0.4627, 0.4627, 0.2000
CMYK	0.33, 0.33, 0.00, 0.20
HSL	240°, 40%, 67%
HSV	240°, 33%, 80%
XYZ	30.1613, 27.5693, 60.8585
YIQ	144.6380, -21.5070, 20.8370

Conversions

Conversions Part 2

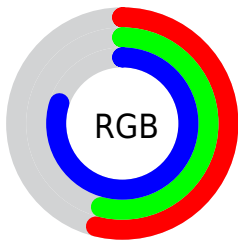
Format	Color
R_{YB}	137, 137, 204
Decimal	9013708
CIE _{Lab}	59.50, 15.62, -34.58
CIE _{LCh}	59, 37.943, 294.311
Yxy	27.5693, 0.2543, 0.2325
Android (android.graphics.Color)	4287203788 (0xFF8989CC)
YUV	144.6380, 29.2655, -6.6985
Hunter-Lab	52.5065, 10.6494, -31.9665

Details

The XYZ color **30.1613, 27.5693, 60.8585** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.0105, 57.8297, 32.1416**, and the grayscale version is **26.6591, 28.0475, 30.5437**.

A 20% lighter version of the original color is **58.2017, 55.2534, 102.2052**, and **12.4892, 10.8711, 29.8739** is the 20% darker color. If you saturate the color by 10%, you get **24.4972, 20.7443, 59.8402**, and if you desaturate by 10%, it is **37.0078, 35.8188, 62.0905**.

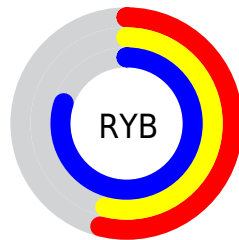
Distribution



Red (54%)

Green (54%)

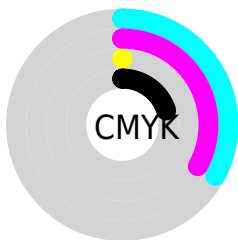
Blue (80%)



Red (54%)

Yellow (54%)

Blue (80%)

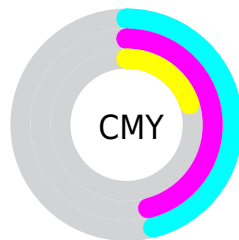


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (46%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1613, 27.5693, 60.8585 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 30.1613, 27.5693, 60.8585 by changing the saturation by 10% instead.

■ 30.1613, 27.5693,
60.8585

■ 30.1613, 27.5693,
60.8585

294.5519,
290.4031, 445.6472

■ 20.1097, 18.0012,
43.6812

■ 59.3020, 55.7961,
107.6296

■ 12.5836, 10.9509,
30.0846

■ 79.1219, 75.2236,
138.0604

■ 7.2174, 6.0338,
19.6502

■ 102.9287, 98.7063,
173.7461

■ 3.6460, 2.8657,
11.9595

131.0875,
126.6288, 215.1052

■ 1.5039, 1.0620,
6.5939

163.9640,
159.3753, 262.5564

■ 0.3285, 0.0000,
3.1349

201.9233,

■ 0.0000, 0.0000,

197.3302, 316.5181

1.1639

245.3308,
240.8781, 377.4088

■ 0.0000, 0.0000,
0.0000

■ 30.1613, 27.5693,
60.8585

■ 30.1613, 27.5693,
60.8585

■ 24.4972, 20.7443,
59.8402

■ 37.0078, 35.8188,
62.0905

■ 19.9459, 15.2602,
59.0215

■ 45.0953, 45.5637,
63.5452

■ 16.4349, 11.0298,
58.3900

■ 54.4819, 56.8740,
65.2335

■ 13.8823, 7.9541,
57.9309

■ 65.2212, 69.8143,
67.1652

■ 12.1935, 5.9193,
57.6271

■ 77.3640, 84.4456,
69.3494

■ 11.2551, 4.7885,
57.4583

■ 87.8992, 97.1397,
71.2443

■ 10.8992, 4.3597,
57.3943

Harmonies

Analogous

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



25.3056, 27.5693, 64.4485



30.1613, 27.5693, 60.8585



34.3755, 27.5693, 48.0842

Triad

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



30.1613, 27.5693, 60.8585



31.9230, 27.5693, 13.3471



18.1004, 27.5693, 27.4905

Complementary

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



30.1613, 27.5693, 60.8585



51.0105, 57.8297, 32.1416

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.



19.4421, 27.5693, 17.1608



30.1613, 27.5693, 60.8585



27.1229, 27.5693, 10.7413

Square

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



30.1613, 27.5693, 60.8585



35.4759, 27.5693, 20.4563



22.6086, 27.5693, 11.8879



18.7069, 27.5693, 42.1740

Rectangle

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



30.1613, 27.5693, 60.8585



36.0558, 27.5693, 37.6911



22.6086, 27.5693, 11.8879



18.3329, 27.5693, 23.4646

Sweetspot

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



30.1623, 27.5704, 60.8591



78.6808, 80.2762, 105.9557



42.8092, 52.8644, 65.0748



16.3873, 16.6358, 22.5973



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.



30.1623, 27.5704, 60.8591



43.4867, 37.8694, 99.6253



36.5314, 30.8538, 61.1572



10.6018, 10.8440, 14.1047



6.8600, 2.7440, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



44.7472, 35.0892, 61.5412



71.1029, 52.1061, 100.9168



42.7948, 53.5944, 31.7571



11.6876, 11.4038, 14.1555



22.5334, 10.8239, 36.8570



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 30.1613, 27.5693, 60.8585 looks on a white background.

Color Contrast Check

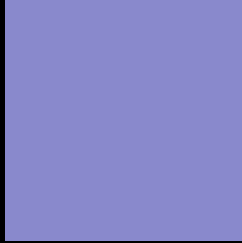
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1613, 27.5693, 60.8585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

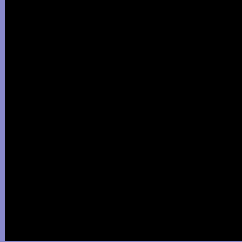
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1613, 27.5693, 60.8585

Background



This preview shows how black text looks on a background with the XYZ color 30.1613, 27.5693, 60.8585.



This preview shows how white text looks on a background with the XYZ color 30.1613, 27.5693,

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

30.1613, 27.5693, 60.8585

Protanopia

28.8134, 27.6923, 62.8580

Deuteranopia

28.3377, 27.7227, 60.3574



Tritanopia

25.2028, 27.5384, 36.3349

Trichromacy



Original Color

30.1613, 27.5693, 60.8585

Protanomaly

29.2711, 27.7244, 62.2011

Deuteranomaly

28.9100, 27.5800, 60.2997

Tritanomaly

26.9204, 27.5654, 44.4592

Monochromacy



Original Color

30.1613, 27.5693, 60.8585

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7113, 27.8500, 39.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1613, 27.5693, 60.8585 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(137, 137, 204)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 204)  
}
```

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(137, 137, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 204) }
```

Border

The CSS property to change the border of an element to XYZ 30.1613, 27.5693, 60.8585 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(137, 137, 204) }
```


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

```
.border{ border-color:rgb(137, 137, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 137, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 137, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 137, 204);  
box-shadow:4px 4px 4px 4px rgb(137, 137,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1613, 27.5693, 60.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 204) }
```

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

```
.background{ background-color: rgb(137,  
137, 204) }
```

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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