

Converting Colors

XYZ(27.1922, 29.3601, 31.9351)

Have a look what the booklet for
XYZ(27.1922, 29.3601, 31.9351)
contains.

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Color

**XYZ(27.1692, 29.3523,
31.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9593
RGB	142, 149, 147
RGB Percent	56%, 58%, 58%
CMY	0.4431, 0.4157, 0.4235
CMYK	0.05, 0.00, 0.01, 0.42
HSL	163°, 3%, 57%
HSV	163°, 5%, 58%
XYZ	27.1692, 29.3523, 31.8373
YIQ	146.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

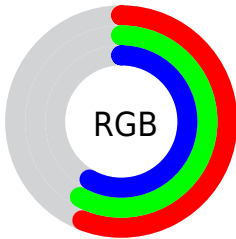
Format	Color
R _Y B	142, 146, 149
Decimal	9344403
CIE Lab	61.09, -2.92, 0.17
CIE LCh	61, 2.926, 176.672
Yxy	29.3523, 0.3075, 0.3322
Android (android.graphics.Color)	4287534483 (0xFF8E9593)
YUV	146.6790, 0.1583, -4.1035
Hunter-Lab	54.1778, -5.2965, 3.0830

Details

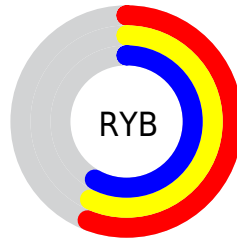
The XYZ color **27.1692, 29.3523, 31.8373** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1025, 27.7499, 30.3148**, and the grayscale version is **27.6018, 29.0392, 31.6237**.

A 20% lighter version of the original color is **54.6635, 58.6647, 63.7007**, and **10.9390, 11.8737, 13.0246** is the 20% darker color. If you saturate the color by 10%, you get **24.4536, 27.9911, 29.9973**, and if you desaturate by 10%, it is **30.2406, 30.8971, 33.7599**.

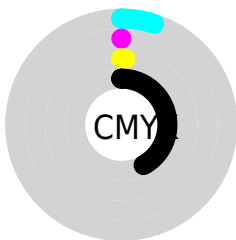
Distribution



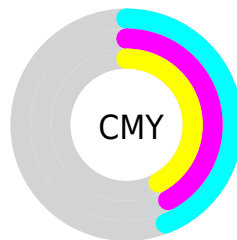
- Red (56%)
- Green (58%)
- Blue (58%)



- Red (56%)
- Yellow (57%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1692, 29.3523, 31.8373 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 27.1692, 29.3523, 31.8373 by changing the saturation by 10% instead.

■ 27.1692, 29.3523,
31.8373

■ 27.1692, 29.3523,
31.8373

280.6281,
298.8736, 324.8473

■ 17.8376, 19.3475,
20.9735

■ 54.5732, 58.6364,
63.6509

■ 10.9324, 11.9216,
12.9136

■ 73.3764, 78.6844,
85.4377

■ 6.0884, 6.6903,
7.2390

■ 96.0674, 102.8490,
111.7026

■ 2.9401, 3.2692,
3.5313

123.0116,
131.5145, 142.8642

■ 1.1221, 1.2738,
1.3719

154.5744,
165.0653, 179.3408

■ 0.0435, 0.1208,
0.1197

191.1212,

■ 0.0000, 0.0000,

203.8858, 221.5512

0.0000

233.0173,
248.3604, 269.9139

■ 27.1692, 29.3523,
31.8373

■ 27.1692, 29.3523,
31.8373

■ 24.4536, 27.9911,
29.9973

■ 30.2406, 30.8971,
33.7599

■ 22.0778, 26.8028,
28.2365

■ 33.6782, 32.6285,
35.7644

■ 20.0280, 25.7813,
26.5543

■ 37.4951, 34.5539,
37.8526

■ 18.2888, 24.9184,
24.9492

■ 41.7027, 36.6792,
40.0258

■ 16.8433, 24.2056,
23.4197

■ 46.3123, 39.0103,
42.2852

■ 15.6730, 23.6333,
21.9642

■ 51.3345, 41.5526,
44.6319

■ 14.7572, 23.1908,
20.5809

■ 56.7795, 44.3114,
47.0669

■ 14.0723, 22.8661,
19.2681

■ 60.3380, 46.0961,
49.4829

■ 13.5883, 22.6436,
18.0234

■ 60.7824, 46.2738,
51.8230

Harmonies

Analogous

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



27.2872, 29.3523, 30.8140



27.1692, 29.3523, 31.8373



27.2451, 29.3523, 32.9165

Triad

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



27.1692, 29.3523, 31.8373



28.2306, 29.3523, 33.8830



28.3054, 29.3523, 30.2284

Complementary

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



27.1692, 29.3523, 31.8373



27.1025, 27.7499, 30.3148

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.



28.5622, 29.3523, 31.0216



27.1692, 29.3523, 31.8373



28.5188, 29.3523, 33.1334

Square

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



27.1692, 29.3523, 31.8373



27.8557, 29.3523, 34.1134



28.6407, 29.3523, 32.0823



27.9413, 29.3523, 29.8986

Rectangle

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



27.1692, 29.3523, 31.8373



27.3958, 29.3523, 33.5197



28.6407, 29.3523, 32.0823



28.4072, 29.3523, 30.4488

Sweetspot

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



27.1700, 29.3536, 31.8379



50.6037, 53.5443, 58.2639



27.1499, 29.3876, 29.8329



11.2222, 11.8700, 12.9170



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.1700, 29.3536, 31.8379



47.9256, 52.1991, 56.5370



27.1083, 28.9764, 32.5996



6.0687, 6.6219, 7.1698



11.2652, 18.9789, 14.7039



0.1506, 0.2374, 0.2470

Inverse Universe

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



27.1025, 27.7499, 30.3148



47.7696, 48.4931, 53.0172



27.1605, 28.1086, 29.5855



6.0479, 6.1277, 6.7005



10.8042, 5.5267, 2.4501



0.1437, 0.0722, 0.0901

Previews

White Background



This preview shows how the XYZ color 27.1692, 29.3523, 31.8373 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 27.1692, 29.3523, 31.8373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

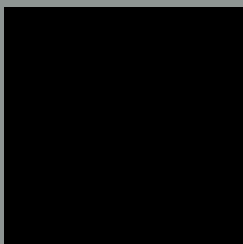
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

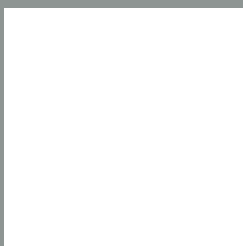
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1692, 29.3523, 31.8373

Background



This preview shows how black text looks on a background with the XYZ color 27.1692, 29.3523, 31.8373.



This preview shows how white text looks on a background with the XYZ color 27.1692, 29.3523,

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

27.1692, 29.3523, 31.8373

Protanopia

28.1997, 29.4268, 31.3878

Deuteranopia

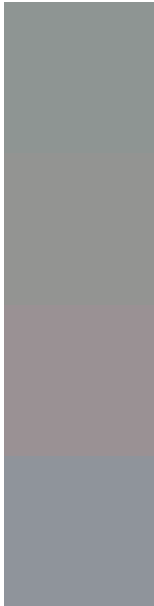
29.8657, 29.3601, 32.1099



Tritanopia

28.1933, 29.2999, 36.9704

Trichromacy



Original Color

27.1692, 29.3523, 31.8373

Protanomaly

27.8108, 29.4582, 31.4143

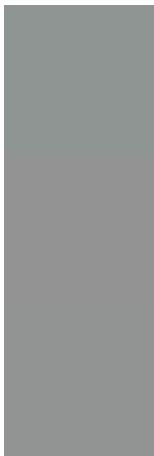
Deuteranomaly

28.7971, 29.2589, 32.1467

Tritanomaly

27.8340, 29.3860, 35.2154

Monochromacy



Original Color

27.1692, 29.3523, 31.8373

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5334, 29.3061, 31.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1692, 29.3523, 31.8373 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(142, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 149, 147)  
}
```

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(142, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.1692, 29.3523, 31.8373 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(142, 149, 147) }
```


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

```
.border{ border-color:rgb(142, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1692, 29.3523, 31.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 149, 147) }
```

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

```
.background{ background-color: rgb(142,  
149, 147) }
```

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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