

Converting Colors

XYZ(27.0504, 30.2004, 34.1093)

Have a look what the booklet for
XYZ(27.0504, 30.2004, 34.1093)
contains.

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Color

**XYZ(27.0504, 30.2004,
34.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	879998
RGB	135, 153, 152
RGB Percent	53%, 60%, 60%
CMY	0.4706, 0.4000, 0.4039
CMYK	0.12, 0.00, 0.01, 0.40
HSL	177°, 8%, 56%
HSV	177°, 12%, 60%
XYZ	27.0504, 30.2004, 34.1093
YIQ	147.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

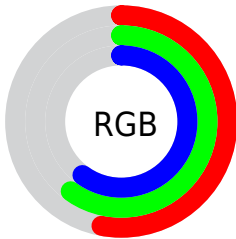
Format	Color
RYB	135, 144, 153
Decimal	8886680
CIELab	61.83, -6.57, -1.65
CIElCh	62, 6.775, 194.074
Yxy	30.2004, 0.2961, 0.3306
Android (android.graphics.Color)	4287076760 (0xFF879998)
YUV	147.5040, 2.2165, -10.9660
Hunter-Lab	54.9549, -8.3082, 1.6684

Details

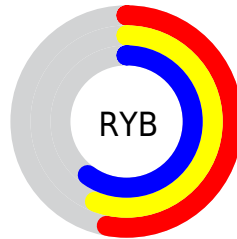
The XYZ color **27.0504, 30.2004, 34.1093** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2459, 25.8786, 26.9057**, and the grayscale version is **27.9368, 29.3917, 32.0076**.

A 20% lighter version of the original color is **54.1924, 59.7732, 67.0737**, and **10.8466, 12.3736, 14.1286** is the 20% darker color. If you saturate the color by 10%, you get **24.6941, 28.9946, 33.6366**, and if you desaturate by 10%, it is **29.7627, 31.5914, 34.6025**.

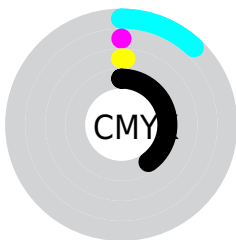
Distribution



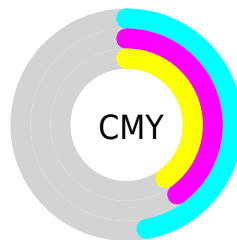
- Red (53%)
- Green (60%)
- Blue (60%)



- Red (53%)
- Yellow (56%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0504, 30.2004, 34.1093 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 27.0504, 30.2004, 34.1093 by changing the saturation by 10% instead.

■ 27.0504, 30.2004,
34.1093

■ 27.0504, 30.2004,
34.1093

280.0642,
302.8374, 335.4032

■ 17.7479, 19.9907,
22.6995

■ 54.3840, 59.9790,
67.2394

■ 10.8677, 12.3883,
14.1686

■ 73.1459, 80.3166,
89.7969

■ 6.0446, 7.0087,
8.0979

■ 95.7915, 104.7991,
116.9073

■ 2.9131, 3.4676,
4.0690

122.6863,
133.8108, 148.9893

■ 1.1080, 1.3804,
1.6633

154.1956,
167.7361, 186.4613

■ 0.0318, 0.2022,
0.3354

190.6848,

■ 0.0000, 0.0000,

206.9594, 229.7419

0.0000

232.5192,
251.8650, 279.2497

■ 27.0504, 30.2004,
34.1093

■ 27.0504, 30.2004,
34.1093

■ 24.6941, 28.9946,
33.6366

■ 29.7627, 31.5914,
34.6025

■ 22.6763, 27.9623,
33.1818

■ 32.8426, 33.1709,
35.1149

■ 20.9817, 27.0966,
32.7447

■ 36.3042, 34.9473,
35.6478

■ 19.5928, 26.3885,
32.3245

■ 40.1603, 36.9269,
36.2018

■ 18.4907, 25.8281,
31.9203

■ 44.4230, 39.1161,
36.7774

■ 17.6542, 25.4046,
31.5312

■ 49.1039, 41.5208,
37.3753

■ 17.0591, 25.1056,
31.1559

■ 54.2139, 44.1467,
37.9959

■ 16.6770, 24.9162,
30.7932

■ 58.8740, 46.5405,
38.5981

■ 16.4629, 24.8121,
30.5011

■ 58.9481, 46.5701,
38.9883

Harmonies

Analogous

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



27.0644, 30.2004, 31.5352



27.0504, 30.2004, 34.1093



27.4731, 30.2004, 36.4709

Triad

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



27.0504, 30.2004, 34.1093



29.9314, 30.2004, 36.5930



29.1845, 30.2004, 28.3221

Complementary

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



27.0504, 30.2004, 34.1093



26.2459, 25.8786, 26.9057

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.



29.9723, 30.2004, 29.5386



27.0504, 30.2004, 34.1093



30.4097, 30.2004, 34.2689

Square

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



27.0504, 30.2004, 34.1093



29.1296, 30.2004, 37.9551



30.4248, 30.2004, 31.6866



28.2837, 30.2004, 28.2844

Rectangle

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



27.0504, 30.2004, 34.1093



27.9509, 30.2004, 37.5693



30.4248, 30.2004, 31.6866



29.4717, 30.2004, 28.6037

Sweetspot

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



27.0513, 30.2017, 34.1100



52.1180, 55.9683, 61.7589



25.9512, 29.7841, 27.3032



11.4302, 12.3184, 13.6231



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.0513, 30.2017, 34.1100



47.3249, 53.5121, 60.8680



25.8983, 27.7638, 34.1325



6.3697, 7.0206, 7.8704



13.6097, 20.5073, 25.2289



0.2074, 0.3081, 0.3977

Inverse Universe

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



26.2459, 25.8786, 26.9057



45.6044, 44.2765, 45.4775



27.3036, 28.1075, 26.9084



6.2220, 6.2280, 6.5494



10.9002, 5.6143, 0.7334



0.1662, 0.0852, 0.0281

Previews

White Background



This preview shows how the XYZ color 27.0504, 30.2004, 34.1093 looks on a white 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

Black Background



This preview shows how the XYZ color 27.0504, 30.2004, 34.1093 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 ✓ Pass

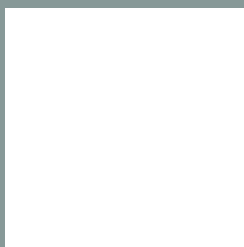
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0504, 30.2004, 34.1093

Background



This preview shows how black text looks on a background with the XYZ color 27.0504, 30.2004, 34.1093.



This preview shows how white text looks on a background with the XYZ color 27.0504, 30.2004,

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

27.0504, 30.2004, 34.1093

Protanopia

28.9636, 30.0251, 32.7027

Deuteranopia

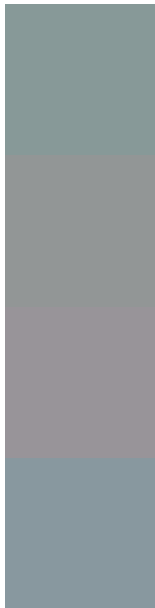
30.6561, 30.1610, 34.7777



Tritanopia

27.9940, 30.0959, 38.9840

Trichromacy



Original Color

27.0504, 30.2004, 34.1093

Protanomaly

28.2654, 30.1257, 33.1793

Deuteranomaly

29.2886, 30.1551, 34.4138

Tritanomaly

27.6396, 30.1939, 37.1721

Monochromacy



Original Color

27.0504, 30.2004, 34.1093

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6589, 29.8223, 32.7323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0504, 30.2004, 34.1093 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(135, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 152)  
}
```

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(135, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.0504, 30.2004, 34.1093 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(135, 153, 152) }
```


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

```
.border{ border-color:rgb(135, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0504, 30.2004, 34.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 152) }
```

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

```
.background{ background-color: rgb(135,  
153, 152) }
```

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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