

Converting Colors

XYZ(24.0667, 26.5713, 30.1640)

Have a look what the booklet for
XYZ(24.0667, 26.5713, 30.1640)
contains.

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Color

**XYZ(24.0606, 26.6273,
30.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	819090
RGB	129, 144, 144
RGB Percent	51%, 56%, 56%
CMY	0.4941, 0.4353, 0.4353
CMYK	0.10, 0.00, 0.00, 0.44
HSL	180°, 6%, 54%
HSV	180°, 10%, 56%
XYZ	24.0606, 26.6273, 30.2570
YIQ	139.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

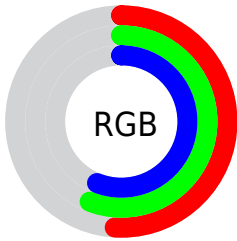
Format	Color
R_{YB}	129, 137, 144
Decimal	8491152
CIE _{Lab}	58.63, -5.38, -1.84
CIE _{LCh}	59, 5.684, 198.931
Yxy	26.6273, 0.2972, 0.3290
Android (android.graphics.Color)	4286681232 (0xFF819090)
YUV	139.5150, 2.2111, -9.2217
Hunter-Lab	51.6016, -7.0727, 1.3560

Details

The XYZ color **24.0606, 26.6273, 30.2570** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3153, 23.2156, 24.0224**, and the grayscale version is **24.7341, 26.0222, 28.3382**.

A 20% lighter version of the original color is **49.6785, 54.4105, 61.3100**, and **9.3313, 10.5190, 12.1282** is the 20% darker color. If you saturate the color by 10%, you get **22.0256, 25.5790, 30.1614**, and if you desaturate by 10%, it is **26.4054, 27.8368, 30.3682**.

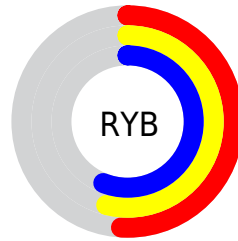
Distribution



Red (51%)

Green (56%)

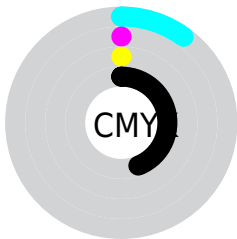
Blue (56%)



Red (51%)

Yellow (54%)

Blue (56%)

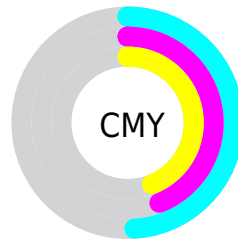


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0606, 26.6273, 30.2570 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 24.0606, 26.6273, 30.2570 by changing the saturation by 10% instead.

■ 24.0606, 26.6273,
30.2570

■ 24.0606, 26.6273,
30.2570

265.5615,
285.8480, 317.3451

■ 15.5036, 17.2935,
19.7800

■ 49.5830, 54.2852,
61.1342

■ 9.2622, 10.4440,
12.0528

■ 67.2791, 73.3781,
82.3715

■ 4.9710, 5.6943,
6.6566

■ 88.7523, 96.4929,
108.0326

■ 2.2649, 2.6601,
3.1731

114.3679,
124.0139, 138.5361

■ 0.7766, 0.9570,
1.1837

144.4912,
156.3255, 174.3006

■ 0.0000, 0.0000,
0.0000

179.4877,

193.8121, 215.7446

219.7227,
236.8582, 263.2865

■ 24.0606, 26.6273,
30.2570

■ 24.0606, 26.6273,
30.2570

■ 22.0256, 25.5790,
30.1614

■ 26.4054, 27.8368,
30.3682

■ 20.2853, 24.6818,
30.0791

■ 29.0699, 29.2104,
30.4938

■ 18.8268, 23.9299,
30.0099

■ 32.0661, 30.7550,
30.6349

■ 17.6352, 23.3157,
29.9533

■ 35.4050, 32.4762,
30.7920

■ 16.6944, 22.8307,
29.9084

■ 39.0970, 34.3795,
30.9657

■ 15.9864, 22.4657,
29.8743

■ 43.1519, 36.4698,
31.1564

■ 15.4910, 22.2104,
29.8503

■ 47.5793, 38.7522,
31.3644

■ 15.1845, 22.0524,
29.8350

■ 52.3883, 41.2314,
31.5904

■ 15.0064, 21.9606,
29.8259

■ 56.2494, 43.2218,
31.7720

Harmonies

Analogous

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



24.0146, 26.6273, 28.2612



24.0606, 26.6273, 30.2570



24.4373, 26.6273, 31.9867

Triad

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



24.0606, 26.6273, 30.2570



26.3334, 26.6273, 31.5906



25.5669, 26.6273, 25.3832

Complementary

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



24.0606, 26.6273, 30.2570



23.3153, 23.2156, 24.0224

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.



26.2000, 26.6273, 26.1915



24.0606, 26.6273, 30.2570



26.6480, 26.6273, 29.7365

Square

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



24.0606, 26.6273, 30.2570



25.7462, 26.6273, 32.7807



26.5987, 26.6273, 27.7639



24.8757, 26.6273, 25.5082

Rectangle

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



24.0606, 26.6273, 30.2570



24.8292, 26.6273, 32.7275



26.5987, 26.6273, 27.7639



25.7938, 26.6273, 25.5532

Sweetspot

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



24.0614, 26.6284, 30.2576



45.4236, 48.5039, 53.5056



23.0278, 26.2194, 24.6165



10.3427, 11.0849, 12.2665



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.0614, 26.6284, 30.2576



41.3592, 46.4086, 53.3138



22.9983, 24.5020, 29.9041



5.5602, 6.1163, 6.9161



13.0672, 19.1227, 25.9717



0.1249, 0.1828, 0.2483

Inverse Universe

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



23.3153, 23.2156, 24.0224



39.7153, 38.8881, 39.5740



24.3045, 25.1941, 24.3513



5.4089, 5.4241, 5.6514



10.0159, 5.1634, 0.4693



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 24.0606, 26.6273, 30.2570 looks on a white background.

Color Contrast Check

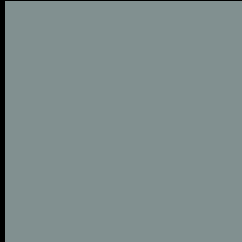
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0606, 26.6273, 30.2570 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

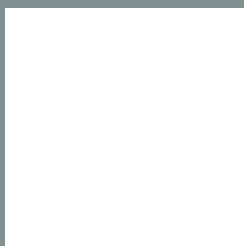
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0606, 26.6273, 30.2570

Background



This preview shows how black text looks on a background with the XYZ color 24.0606, 26.6273, 30.2570.



This preview shows how white text looks on a background with the XYZ color 24.0606, 26.6273,

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

24.0606, 26.6273, 30.2570

Protanopia

25.5883, 26.5488, 29.3670

Deuteranopia

27.0829, 26.6420, 30.9091



Tritanopia

24.8658, 26.5044, 34.3771

Trichromacy



Original Color

24.0606, 26.6273, 30.2570

Protanomaly

24.9640, 26.4362, 29.7736

Deuteranomaly

25.9905, 26.7298, 30.5776

Tritanomaly

24.5334, 26.5928, 32.6940

Monochromacy



Original Color

24.0606, 26.6273, 30.2570

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4859, 26.2071, 28.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0606, 26.6273, 30.2570 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(129, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(129, 144, 144)  
}
```

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(129, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.0606, 26.6273, 30.2570 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(129, 144, 144) }
```


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

```
.border{ border-color:rgb(129, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(129, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0606, 26.6273, 30.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 144, 144) }
```

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

```
.background{ background-color: rgb(129,  
144, 144) }
```

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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