

Converting Colors

XYZ(20.1058, 24.7780, 26.6040)

Have a look what the booklet for
XYZ(20.1058, 24.7780, 26.6040)
contains.

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Color

**XYZ(20.2075, 24.9431,
26.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	689187
RGB	104, 145, 135
RGB Percent	41%, 57%, 53%
CMY	0.5921, 0.4314, 0.4706
CMYK	0.28, 0.00, 0.07, 0.43
HSL	165°, 16%, 49%
HSV	165°, 28%, 57%
XYZ	20.2075, 24.9431, 26.6711
YIQ	131.6010, -21.2260, -11.8020

Conversions

Conversions Part 2

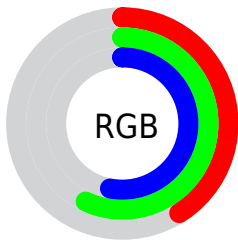
Format	Color
RYB	104, 127, 145
Decimal	6852999
CIELab	57.02, -16.32, 0.76
CIELCh	57, 16.339, 177.340
Yxy	24.9431, 0.2814, 0.3473
Android (android.graphics.Color)	4285043079 (0xFF689187)
YUV	131.6010, 1.6757, -24.2061
Hunter-Lab	49.9431, -15.1774, 3.2975

Details

The XYZ color **20.2075, 24.9431, 26.6711** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6655, 17.1360, 18.1918**, and the grayscale version is **21.7888, 22.9235, 24.9637**.

A 20% lighter version of the original color is **43.2108, 51.5456, 55.2488**, and **7.2179, 9.4735, 10.0425** is the 20% darker color. If you saturate the color by 10%, you get **18.4222, 24.0517, 25.3094**, and if you desaturate by 10%, it is **22.2919, 25.9891, 28.0911**.

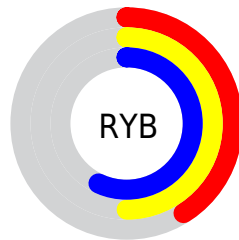
Distribution



Red (41%)

Green (57%)

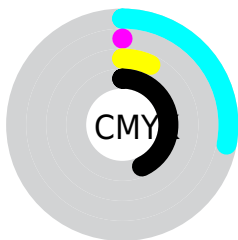
Blue (53%)



Red (41%)

Yellow (50%)

Blue (57%)

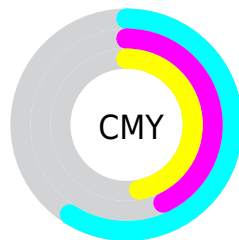


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (43%)



Cyan (59%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2075, 24.9431, 26.6711 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 20.2075, 24.9431, 26.6711 by changing the saturation by 10% instead.

■ 20.2075, 24.9431,
26.6711

■ 20.2075, 24.9431,
26.6711

245.8484,
277.5545, 299.7707

■ 12.6551, 16.0347,
17.0961

■ 43.2661, 51.5649,
55.3529

■ 7.2668, 9.5487,
10.1404

■ 59.5030, 70.0471,
75.2969

■ 3.6773, 5.1008,
5.3853

■ 79.3655, 92.4892,
99.5342

■ 1.5213, 2.3065,
2.4124

■ 103.2188,
119.2759, 128.4835

■ 0.3402, 0.7772,
0.7932

131.4284,
150.7913, 162.5632

■ 0.0000, 0.0000,
0.0000

164.3597,

187.4199, 202.1920

202.3779,
229.5462, 247.7883

■ 20.2075, 24.9431,
26.6711

■ 20.2075, 24.9431,
26.6711

■ 18.4222, 24.0517,
25.3094

■ 22.2919, 25.9891,
28.0911

■ 16.9190, 23.3041,
24.0032

■ 24.6872, 27.1937,
29.5686

■ 15.6825, 22.6931,
22.7518

■ 27.4070, 28.5646,
31.1054

■ 14.6947, 22.2094,
21.5540

■ 30.4635, 30.1081,
32.7024

■ 13.9355, 21.8426,
20.4085

■ 33.8683, 31.8301,
34.3604

■ 13.3816, 21.5807,
19.3136

■ 37.6323, 33.7364,
36.0805

■ 12.9847, 21.3988,
18.2667

■ 41.7662, 35.8323,
37.8634

■ 12.9202, 21.3694,
18.0904

■ 46.2799, 38.1230,
39.7100

■ 51.1832, 40.6135,
41.6212

Harmonies

Analogous

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



20.7332, 24.9431, 21.8429



20.2075, 24.9431, 26.6711



20.5769, 24.9431, 32.3103

Triad

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



20.2075, 24.9431, 26.6711



25.4441, 24.9431, 37.6759



25.7564, 24.9431, 19.1940

Complementary

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



20.2075, 24.9431, 26.6711



19.6655, 17.1360, 18.1918

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.



27.1409, 24.9431, 22.5862



20.2075, 24.9431, 26.6711



26.9538, 24.9431, 33.2739

Square

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



20.2075, 24.9431, 26.6711



23.5368, 24.9431, 39.1497



27.5903, 24.9431, 27.6524



23.8794, 24.9431, 17.9065

Rectangle

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



20.2075, 24.9431, 26.6711



21.2927, 24.9431, 35.7005



27.5903, 24.9431, 27.6524



26.2986, 24.9431, 20.1014

Sweetspot

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



20.2082, 24.9441, 26.6717



44.2594, 48.7230, 52.9804



19.5969, 24.8455, 16.8600



9.7064, 10.7687, 11.7033



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.



20.2082, 24.9441, 26.6717



34.0715, 43.6109, 46.1822



19.4497, 22.2466, 30.0581



5.5048, 6.0941, 6.6241



11.0922, 18.3328, 15.5716



0.1147, 0.1787, 0.1945

Inverse Universe

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



19.6655, 17.1360, 18.1918



32.9355, 27.2312, 28.4057



20.2221, 19.1111, 15.7202



5.4595, 5.4443, 5.9176



10.2899, 5.2730, 1.9120



0.1060, 0.0535, 0.0583

Previews

White Background



This preview shows how the XYZ color 20.2075, 24.9431, 26.6711 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 20.2075, 24.9431, 26.6711 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 20.2075, 24.9431, 26.6711

Background



This preview shows how black text looks on a background with the XYZ color 20.2075, 24.9431, 26.6711.



This preview shows how white text looks on a background with the XYZ color 20.2075, 24.9431,

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

20.2075, 24.9431, 26.6711

Protanopia

23.6486, 24.7955, 24.6587

Deuteranopia

25.2331, 24.7271, 27.4876



Tritanopia

21.6901, 24.8672, 34.2285

Trichromacy



Original Color

20.2075, 24.9431, 26.6711

Protanomaly

22.1499, 24.6432, 25.4190

Deuteranomaly

23.1339, 24.6840, 27.2121

Tritanomaly

21.1523, 24.8773, 31.2907

Monochromacy



Original Color

20.2075, 24.9431, 26.6711

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2053, 23.7224, 25.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2075, 24.9431, 26.6711 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(104, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(104, 145, 135)  
}
```

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(104, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 145, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.2075, 24.9431, 26.6711 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(104, 145, 135) }
```


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

```
.border{ border-color:rgb(104, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(104, 145,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2075, 24.9431, 26.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 145, 135) }
```

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

```
.background{ background-color: rgb(104,  
145, 135) }
```

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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