

Converting Colors

XYZ(20.4856, 26.0497, 25.0675)

Have a look what the booklet for
XYZ(20.4856, 26.0497, 25.0675)
contains.

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Color

**XYZ(20.4856, 26.0497,
25.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	689582
RGB	104, 149, 130
RGB Percent	41%, 58%, 51%
CMY	0.5922, 0.4157, 0.4902
CMYK	0.30, 0.00, 0.13, 0.42
HSL	155°, 18%, 50%
HSV	155°, 30%, 58%
XYZ	20.4856, 26.0497, 25.0675
YIQ	133.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

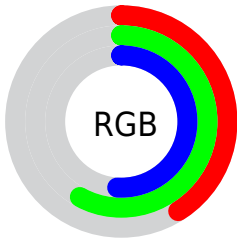
Format	Color
RYB	104, 133, 149
Decimal	6854018
CIELab	58.08, -19.55, 5.15
CIELCh	58, 20.213, 165.230
Yxy	26.0497, 0.2861, 0.3638
Android (android.graphics.Color)	4285044098 (0xFF689582)
YUV	133.3790, -1.6658, -25.7654
Hunter-Lab	51.0389, -17.6731, 6.6073

Details

The XYZ color **20.4856, 26.0497, 25.0675** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9207, 17.7208, 21.0576**, and the grayscale version is **22.4444, 23.6132, 25.7148**.

A 20% lighter version of the original color is **43.6135, 53.1987, 52.7694**, and **7.4284, 10.1417, 9.3506** is the 20% darker color. If you saturate the color by 10%, you get **18.4972, 25.0727, 22.8373**, and if you desaturate by 10%, it is **22.8069, 27.1968, 27.4493**.

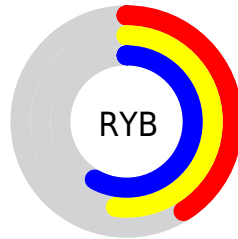
Distribution



Red (41%)

Green (58%)

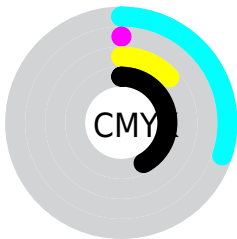
Blue (51%)



Red (41%)

Yellow (52%)

Blue (58%)

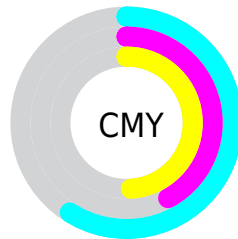


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4856, 26.0497, 25.0675 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 20.4856, 26.0497, 25.0675 by changing the saturation by 10% instead.

■ 20.4856, 26.0497,
25.0675

■ 20.4856, 26.0497,
25.0675

247.3157,
283.0260, 291.6324

■ 12.8588, 16.8608,
15.9079

■ 43.7276, 53.3551,
52.7322

■ 7.4077, 10.1353,
9.3053

■ 60.0735, 72.2404,
72.0743

■ 3.7670, 5.4888,
4.8413

■ 80.0566, 95.1267,
95.6477

■ 1.5712, 2.5368,
2.0974

■ 104.0421,
122.3983, 123.8709

■ 0.3735, 0.8950,
0.6142

132.3954,
154.4396, 157.1624

■ 0.0000, 0.0000,
0.0000

165.4819,

191.6351, 195.9408

203.6669,
234.3691, 240.6246

■ 20.4856, 26.0497,
25.0675

■ 20.4856, 26.0497,
25.0675

■ 18.4972, 25.0727,
22.8373

■ 22.8069, 27.1968,
27.4493

■ 16.8230, 24.2539,
20.7536

■ 25.4743, 28.5186,
29.9838

■ 15.4456, 23.5854,
18.8138

■ 28.5030, 30.0234,
32.6747

■ 14.3452, 23.0568,
17.0145

■ 31.9063, 31.7184,
35.5248

■ 13.4992, 22.6566,
15.3519

■ 35.6972, 33.6099,
38.5368

■ 12.8813, 22.3713,
13.8222

■ 39.8878, 35.7043,
41.7134

■ 12.4312, 22.1692,
12.4465

■ 44.4898, 38.0074,
45.0573

■ 49.5144, 40.5251,
48.5710

■ 54.9723, 43.2629,
52.2569

Harmonies

Analogous

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



21.5692, 26.0497, 19.8981



20.4856, 26.0497, 25.0675



20.4942, 26.0497, 32.0502

Triad

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



20.4856, 26.0497, 25.0675



26.0153, 26.0497, 43.4412



28.2206, 26.0497, 19.8376

Complementary

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



20.4856, 26.0497, 25.0675



20.9207, 17.7208, 21.0576

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.



29.5789, 26.0497, 24.9713



20.4856, 26.0497, 25.0675



28.2497, 26.0497, 38.9431

Square

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



20.4856, 26.0497, 25.0675



23.5801, 26.0497, 43.4785



29.5899, 26.0497, 31.9369



25.9775, 26.0497, 17.2338

Rectangle

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



20.4856, 26.0497, 25.0675



21.1140, 26.0497, 36.8623



29.5899, 26.0497, 31.9369



28.8021, 26.0497, 21.2834

Sweetspot

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



20.4863, 26.0508, 25.0681



46.1421, 51.3302, 54.1731



21.4871, 26.7435, 17.1264



10.0747, 11.3005, 11.8672



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.



20.4863, 26.0508, 25.0681



34.2958, 45.4747, 42.2535



21.4135, 25.6719, 32.2617



5.8616, 6.5212, 6.8820



10.4771, 18.6636, 10.5541



0.1430, 0.2343, 0.2069

Inverse Universe

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



20.9207, 17.7208, 21.0576



35.1989, 28.1824, 33.9347



20.1515, 17.9049, 15.4908



5.8963, 5.8536, 6.5602



11.1990, 5.6847, 4.5291



0.1513, 0.0753, 0.1302

Previews

White Background



This preview shows how the XYZ color 20.4856, 26.0497, 25.0675 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 20.4856, 26.0497, 25.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

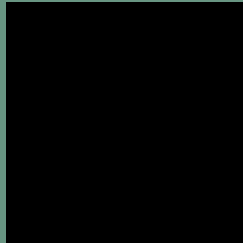
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4856, 26.0497, 25.0675

Background



This preview shows how black text looks on a background with the XYZ color 20.4856, 26.0497, 25.0675.



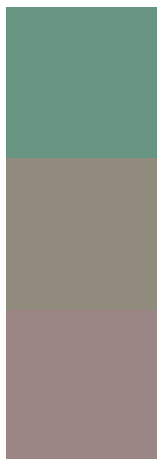
This preview shows how white text looks on a background with the XYZ color 20.4856, 26.0497,

25.0675.

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

20.4856, 26.0497, 25.0675

Protanopia

24.6113, 25.9656, 23.1168

Deuteranopia

26.2763, 25.7122, 25.7683



Tritanopia

22.6416, 26.0001, 35.7235

Trichromacy



Original Color

20.4856, 26.0497, 25.0675

Protanomaly

22.8591, 25.9231, 23.8775

Deuteranomaly

23.5508, 25.3654, 25.4845

Tritanomaly

21.7297, 25.8525, 31.4485

Monochromacy



Original Color

20.4856, 26.0497, 25.0675

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4235, 24.2688, 25.3850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4856, 26.0497, 25.0675 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, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 130)  
}
```

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, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.4856, 26.0497, 25.0675 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, 149, 130) }
```


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

```
.border{ border-color:rgb(104, 149, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4856, 26.0497, 25.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 130) }
```

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

```
.background{ background-color: rgb(104,  
149, 130) }
```

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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