

Converting Colors

XYZ(25.4637, 31.5300, 23.0924)

Have a look what the booklet for
XYZ(25.4637, 31.5300, 23.0924)
contains.

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Color

**XYZ(25.6178, 31.7202,
23.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	83A17A
RGB	131, 161, 122
RGB Percent	51%, 63%, 48%
CMY	0.4863, 0.3686, 0.5216
CMYK	0.19, 0.00, 0.24, 0.37
HSL	106°, 17%, 55%
HSV	106°, 24%, 63%
XYZ	25.6178, 31.7202, 23.1848
YIQ	147.5840, -5.3610, -18.4890

Conversions

Conversions Part 2

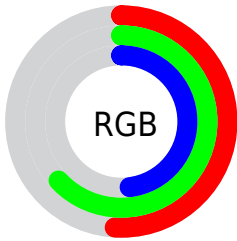
Format	Color
RYB	122, 161, 152
Decimal	8626554
CIELab	63.11, -18.02, 16.97
CIELCh	63, 24.751, 136.719
Yxy	31.7202, 0.3181, 0.3939
Android (android.graphics.Color)	4286816634 (0xFF83A17A)
YUV	147.5840, -12.6129, -14.5442
Hunter-Lab	56.3207, -17.3694, 15.0173

Details

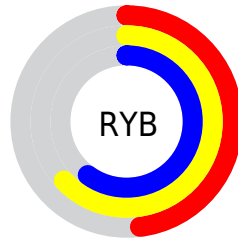
The XYZ color **25.6178, 31.7202, 23.1848** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.3429, 23.1686, 36.8035**, and the grayscale version is **28.0282, 29.4879, 32.1123**.

A 20% lighter version of the original color is **52.0609, 62.3972, 49.8574**, and **10.0646, 13.1676, 8.3145** is the 20% darker color. If you saturate the color by 10%, you get **22.8969, 30.4243, 18.2744**, and if you desaturate by 10%, it is **28.7350, 33.2031, 28.9778**.

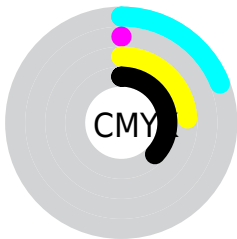
Distribution



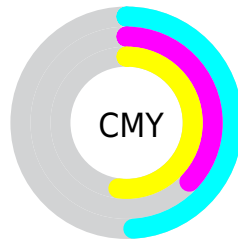
- Red (51%)
- Green (63%)
- Blue (48%)



- Red (48%)
- Yellow (63%)
- Blue (60%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6178, 31.7202, 23.1848 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 25.6178, 31.7202, 23.1848 by changing the saturation by 10% instead.

■ 25.6178, 31.7202,
23.1848

■ 25.6178, 31.7202,
23.1848

273.1920,
309.8427, 281.8254

■ 16.6691, 21.1479,
14.5234

■ 52.0934, 62.3722,
49.6236

■ 10.0927, 13.2321,
8.3427

■ 70.3511, 83.2207,
68.2382

■ 5.5232, 7.5886,
4.2241

■ 92.4424, 108.2633,
91.0075

■ 2.5953, 3.8328,
1.7491

118.7328,
137.8845, 118.3502

■ 0.9435, 1.5805,
0.3940

149.5876,
172.4686, 150.6848

■ 0.0000, 0.3444,
0.0000

185.3722,

■ 0.0000, 0.0000,

212.4001, 188.4299

0.0000

226.4519,
258.0633, 232.0039

■ 25.6178, 31.7202,
23.1848

■ 25.6178, 31.7202,
23.1848

■ 22.8969, 30.4243,
18.2744

■ 28.7350, 33.2031,
28.9778

■ 20.5537, 29.3041,
14.2014

■ 32.2613, 34.8760,
35.6917

■ 18.5716, 28.3529,
10.9196

■ 36.2118, 36.7469,
43.3648

■ 16.9319, 27.5621,
8.3775

■ 40.6003, 38.8219,
52.0329

■ 15.6140, 26.9225,
6.5175

■ 45.4399, 41.1072,
61.7297

■ 14.5949, 26.4237,
5.2735

■ 50.7430, 43.6085,
72.4875

■ 13.8482, 26.0536,
4.5660

■ 56.5218, 46.3312,
84.3372

■ 13.5138, 25.8871,
4.2845

■ 62.7876, 49.2808,
97.3082

■ 67.5751, 51.6716,
101.0198

Harmonies

Analogous

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



28.2996, 31.7202, 19.4789



25.6178, 31.7202, 23.1848



24.2003, 31.7202, 30.3961

Triad

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



25.6178, 31.7202, 23.1848



28.6659, 31.7202, 56.2591



36.8839, 31.7202, 29.4064

Complementary

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



25.6178, 31.7202, 23.1848



26.3429, 23.1686, 36.8035

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.



37.0006, 31.7202, 39.0398



25.6178, 31.7202, 23.1848



32.0774, 31.7202, 55.8559

Square

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



25.6178, 31.7202, 23.1848



25.8685, 31.7202, 50.1136



35.1855, 31.7202, 49.0983



34.8777, 31.7202, 22.5787

Rectangle

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



25.6178, 31.7202, 23.1848



24.0878, 31.7202, 36.7848



35.1855, 31.7202, 49.0983



37.1504, 31.7202, 32.3845

Sweetspot

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



25.6186, 31.7216, 23.1855



55.8613, 61.5500, 60.2481



29.4242, 31.4077, 22.9243



12.1753, 13.4628, 13.0682



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.6186, 31.7216, 23.1855



43.1992, 55.5316, 36.6505



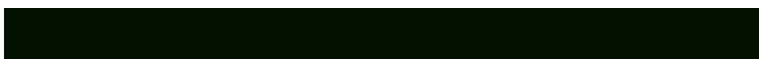
24.9642, 31.3057, 26.7012



7.1314, 7.9702, 7.5426



10.8235, 20.6902, 3.4232



0.2654, 0.4543, 0.0737

Inverse Universe

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



26.3429, 23.1686, 36.8035



44.7171, 37.5497, 65.2775



27.2121, 23.7184, 32.2533



7.2038, 7.1194, 8.8976



11.7962, 5.4877, 27.3673



0.2849, 0.1344, 0.5768

Previews

White Background



This preview shows how the XYZ color 25.6178, 31.7202, 23.1848 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 25.6178, 31.7202, 23.1848 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 25.6178, 31.7202, 23.1848

Background



This preview shows how black text looks on a background with the XYZ color 25.6178, 31.7202, 23.1848.



This preview shows how white text looks on a background with the XYZ color 25.6178, 31.7202,

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

25.6178, 31.7202, 23.1848

Protanopia

29.6025, 31.5510, 21.6693

Deuteranopia

32.1120, 31.3855, 23.7676



Tritanopia

29.1776, 31.6360, 41.1277

Trichromacy



Original Color

25.6178, 31.7202, 23.1848

Protanomaly

27.8136, 31.3539, 22.0387

Deuteranomaly

29.2019, 31.0620, 23.5252

Tritanomaly

27.6346, 31.4992, 33.9016

Monochromacy



Original Color

25.6178, 31.7202, 23.1848

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2068, 30.3973, 28.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6178, 31.7202, 23.1848 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(131, 161, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 161, 122)  
}
```

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(131, 161, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 161, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.6178, 31.7202, 23.1848 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(131, 161, 122) }
```


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

```
.border{ border-color:rgb(131, 161, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 161, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 161, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 161, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 161,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6178, 31.7202, 23.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 161, 122) }
```

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

```
.background{ background-color: rgb(131,  
161, 122) }
```

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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