

Converting Colors

XYZ(20.3851, 28.1977, 24.1875)

Have a look what the booklet for
XYZ(20.3851, 28.1977, 24.1875)
contains.

XYZ(20.4064, 28.2354, 24.1131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.4064, 28.2354,
24.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9E7E
RGB	92, 158, 126
RGB Percent	36%, 62%, 49%
CMY	0.6392, 0.3804, 0.5059
CMYK	0.42, 0.00, 0.20, 0.38
HSL	151°, 26%, 49%
HSV	151°, 42%, 62%
XYZ	20.4064, 28.2354, 24.1131
YIQ	134.6180, -29.0640, -23.9440

Conversions

Conversions Part 2

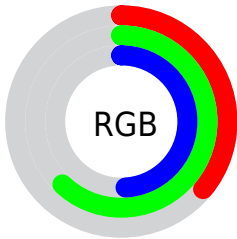
Format	Color
R _Y B	92, 136, 158
Decimal	6069886
CIE Lab	60.10, -28.62, 10.21
CIE LCh	60, 30.390, 160.377
Yxy	28.2354, 0.2805, 0.3881
Android (android.graphics.Color)	4284259966 (0xFF5C9E7E)
YUV	134.6180, -4.2487, -37.3760
Hunter-Lab	53.1370, -24.4397, 10.2906

Details

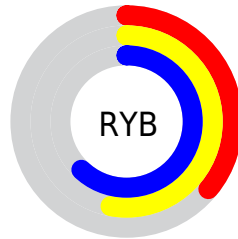
The XYZ color **20.4064, 28.2354, 24.1131** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.5668, 16.3793, 21.0948**, and the grayscale version is **22.9112, 24.1044, 26.2497**.

A 20% lighter version of the original color is **43.6080, 56.8629, 51.3251**, and **7.3687, 11.2950, 8.8130** is the 20% darker color. If you saturate the color by 10%, you get **18.5142, 27.3156, 21.5424**, and if you desaturate by 10%, it is **22.6672, 29.3423, 26.8999**.

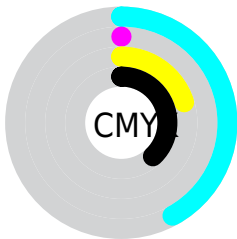
Distribution



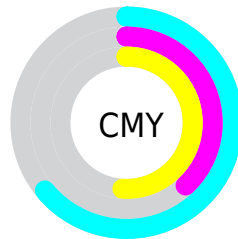
- Red (36%)
- Green (62%)
- Blue (49%)



- Red (36%)
- Yellow (53%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4064, 28.2354, 24.1131 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 20.4064, 28.2354, 24.1131 by changing the saturation by 10% instead.

■ 20.4064, 28.2354,
24.1131

■ 20.4064, 28.2354,
24.1131

246.8986,
293.5900, 286.6967

■ 12.8008, 18.5032,
15.2046

■ 43.5963, 56.8600,
51.1608

■ 7.3676, 11.3118,
8.8149

■ 59.9112, 76.5213,
70.1371

■ 3.7414, 6.2770,
4.5255

■ 79.8600, 100.2610,
93.3064

■ 1.5569, 3.0142,
1.9178

■ 103.8079,
128.4635, 121.0872

■ 0.3641, 1.1392,
0.5040

132.1204,
161.5133, 153.8981

■ 0.0000, 0.0112,
0.0000

165.1628,

■ 0.0000, 0.0000,

199.7947, 192.1577

0.0000

203.3004,
243.6921, 236.2843

■ 20.4064, 28.2354,
24.1131

■ 20.4064, 28.2354,
24.1131

■ 18.5142, 27.3156,
21.5424

■ 22.6672, 29.3423,
26.8999

■ 16.9668, 26.5686,
19.1805

■ 25.3140, 30.6430,
29.9061

■ 15.7412, 25.9833,
17.0224

■ 28.3658, 32.1479,
33.1374

■ 14.8103, 25.5458,
15.0621

■ 31.8395, 33.8656,
36.5984

■ 14.1423, 25.2399,
13.2931

■ 35.7512, 35.8045,
40.2939

■ 13.7274, 25.0548,
11.9746

■ 40.1161, 37.9721,
44.2283

■ 44.9486, 40.3759,
48.4061

■ 50.2625, 43.0228,
52.8314

■ 56.0710, 45.9197,
57.5085

Harmonies

Analogous

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



22.2891, 28.2354, 17.1725



20.4064, 28.2354, 24.1131



20.1482, 28.2354, 34.7541

Triad

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



20.4064, 28.2354, 24.1131



28.2030, 28.2354, 56.9068



32.9296, 28.2354, 18.8775

Complementary

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



20.4064, 28.2354, 24.1131



21.5668, 16.3793, 21.0948

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.



34.8628, 28.2354, 27.0541



20.4064, 28.2354, 24.1131



31.9647, 28.2354, 50.0573

Square

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



20.4064, 28.2354, 24.1131



24.4091, 28.2354, 55.5738



34.4936, 28.2354, 38.4900



29.4206, 28.2354, 14.6928

Rectangle

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



20.4064, 28.2354, 24.1131



20.9025, 28.2354, 42.8606



34.4936, 28.2354, 38.4900



33.7999, 28.2354, 21.1569

Sweetspot

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



20.4072, 28.2366, 24.1137



50.6412, 57.9490, 59.2792



22.6170, 29.5877, 14.6446



11.1451, 12.9304, 13.0810



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.



20.4072, 28.2366, 24.1137



33.8702, 49.7242, 39.4766



22.8130, 29.1989, 36.7827



6.6862, 7.4552, 7.7822



11.0138, 20.0734, 9.6954



0.2183, 0.3675, 0.2857

Inverse Universe

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



21.5668, 16.3793, 21.0948



36.2629, 25.2674, 33.2544



19.8603, 15.6967, 12.1086



6.7603, 6.6970, 7.5890



12.3747, 6.2544, 6.2242



0.2426, 0.1204, 0.2235

Previews

White Background



This preview shows how the XYZ color 20.4064, 28.2354, 24.1131 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 20.4064, 28.2354, 24.1131 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

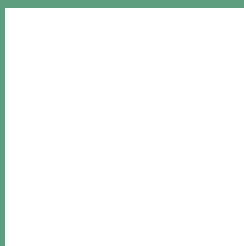
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4064, 28.2354, 24.1131

Background



This preview shows how black text looks on a background with the XYZ color 20.4064, 28.2354, 24.1131.



This preview shows how white text looks on a background with the XYZ color 20.4064, 28.2354,

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

20.4064, 28.2354, 24.1131

Protanopia

26.2519, 27.9538, 21.4648

Deuteranopia

28.3661, 27.8635, 25.0022



Tritanopia

23.5496, 28.2658, 39.8120

Trichromacy



Original Color

20.4064, 28.2354, 24.1131

Protanomaly

23.4662, 27.6459, 22.5117

Deuteranomaly

24.5579, 27.4611, 24.7751

Tritanomaly

22.3443, 28.2737, 33.5579

Monochromacy



Original Color

20.4064, 28.2354, 24.1131

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.5951, 25.2328, 25.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4064, 28.2354, 24.1131 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(92, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 126)  
}
```

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(92, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.4064, 28.2354, 24.1131 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(92, 158, 126) }
```


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

```
.border{ border-color:rgb(92, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4064, 28.2354, 24.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 126) }
```

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

```
.background{ background-color: rgb(92, 158,  
126) }
```

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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