

Converting Colors

XYZ(30.1090, 44.7461, 41.2324)

Have a look what the booklet for
XYZ(30.1090, 44.7461, 41.2324)
contains.

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Color

**XYZ(30.1090, 44.7461,
41.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	51C6A2
RGB	81, 198, 162
RGB Percent	32%, 78%, 64%
CMY	0.6823, 0.2235, 0.3647
CMYK	0.59, 0.00, 0.18, 0.22
HSL	162°, 51%, 55%
HSV	162°, 59%, 78%
XYZ	30.1090, 44.7461, 41.2324
YIQ	158.9130, -58.1760, -36.0000

Conversions

Conversions Part 2

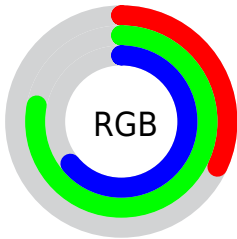
Format	Color
RYB	81, 150, 198
Decimal	5359266
CIELab	72.72, -41.59, 8.28
CIELCh	73, 42.404, 168.744
Yxy	44.7461, 0.2594, 0.3855
Android (android.graphics.Color)	4283549346 (0xFF51C6A2)
YUV	158.9130, 1.5219, -68.3297
Hunter-Lab	66.8925, -36.7173, 10.2785

Details

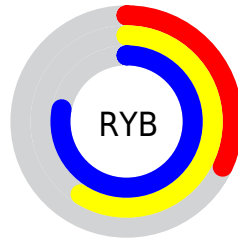
The XYZ color **30.1090, 44.7461, 41.2324** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **29.4435, 19.1761, 18.9808**, and the grayscale version is **32.9283, 34.6431, 37.7264**.

A 20% lighter version of the original color is **59.0996, 82.1052, 78.3787**, and **12.6369, 20.7707, 18.0950** is the 20% darker color. If you saturate the color by 10%, you get **28.1249, 43.7855, 38.3812**, and if you desaturate by 10%, it is **32.6164, 45.9758, 44.2471**.

Distribution



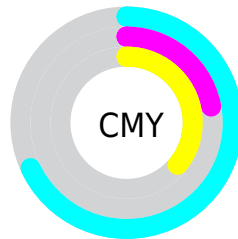
- Red (32%)
- Green (78%)
- Blue (64%)



- Red (32%)
- Yellow (59%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1090, 44.7461, 41.2324 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 30.1090, 44.7461, 41.2324 by changing the saturation by 10% instead.

■ 30.1090, 44.7461,
41.2324

■ 30.1090, 44.7461,
41.2324

294.3129,
365.7443, 366.9964

■ 20.0698, 31.2575,
28.1797

■ 59.2200, 82.3393,
78.2941

■ 12.5544, 20.7950,
18.2209

■ 79.0224, 107.2126,
103.1401

■ 7.1973, 12.9742,
10.9376

■ 102.8101,
136.6497, 132.7542

■ 3.6332, 7.4108,
5.9113

■ 130.9482,
171.0348, 167.5551

■ 1.4968, 3.7203,
2.7233

163.8022,
210.7525, 207.9612

■ 0.3237, 1.5184,
0.9551

201.7374,

■ 0.0000, 0.3016,

256.1870, 254.3911

0.0000

245.1192,
307.7228, 307.2633

■ 0.0000, 0.0000,
0.0000

■ 30.1090, 44.7461,
41.2324

■ 30.1090, 44.7461,
41.2324

■ 28.1249, 43.7855,
38.3812

■ 32.6164, 45.9758,
44.2471

■ 26.6157, 43.0655,
35.6863

■ 35.6829, 47.4894,
47.4258

■ 25.5300, 42.5609,
33.1444

■ 39.3451, 49.3071,
50.7731

■ 24.7782, 42.2256,
30.7493

■ 43.6357, 51.4455,
54.2924

■ 24.7157, 42.1980,
30.5380

■ 48.5846, 53.9201,
57.9868

■ 54.2199, 56.7453,
61.8594

■ 60.5682, 59.9348,
65.9130

■ 67.6545, 63.5015,
70.1507

■ 73.9379, 66.6509,
74.5018

Harmonies

Analogous

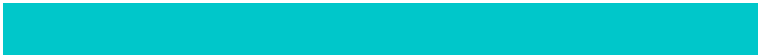
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.7564, 44.7461, 26.5895



30.1090, 44.7461, 41.2324



30.4904, 44.7461, 62.9344

Triad

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



30.1090, 44.7461, 41.2324



47.2397, 44.7461, 98.0412



52.5576, 44.7461, 24.1685

Complementary

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



30.1090, 44.7461, 41.2324



29.4435, 19.1761, 18.9808

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.



57.3826, 44.7461, 36.8268



30.1090, 44.7461, 41.2324



54.0763, 44.7461, 80.6199

Square

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



30.1090, 44.7461, 41.2324



39.8277, 44.7461, 100.2401



57.9684, 44.7461, 57.0653



45.3515, 44.7461, 18.8081

Rectangle

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



30.1090, 44.7461, 41.2324



32.4225, 44.7461, 78.7309



57.9684, 44.7461, 57.0653



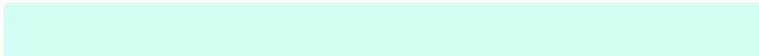
54.5457, 44.7461, 27.5088

Sweetspot

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



30.1102, 44.7479, 41.2334



77.9415, 91.4334, 96.6627



29.1587, 44.8391, 14.9033



16.1709, 19.3150, 20.2874



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.1102, 44.7479, 41.2334



48.9227, 77.1109, 66.5147



29.2211, 37.0950, 59.0480



10.8024, 12.0098, 12.9095



16.1124, 27.4573, 20.0681



0.7942, 1.3126, 1.1152

Inverse Universe

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



29.4435, 19.1761, 18.9808



47.6919, 27.7535, 23.8431



29.5710, 22.1925, 10.5103



10.7660, 10.6898, 11.7511



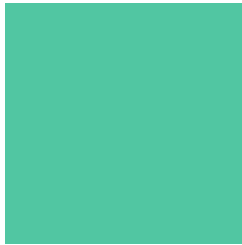
15.7257, 8.0398, 3.7653



0.7774, 0.3938, 0.3512

Previews

White Background



This preview shows how the XYZ color 30.1090, 44.7461, 41.2324 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 30.1090, 44.7461, 41.2324 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

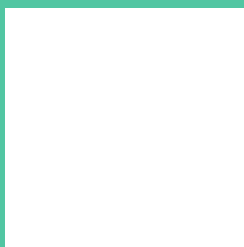
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1090, 44.7461, 41.2324

Background



This preview shows how black text looks on a background with the XYZ color 30.1090, 44.7461, 41.2324.



This preview shows how white text looks on a background with the XYZ color 30.1090, 44.7461,

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

30.1090, 44.7461, 41.2324

Protanopia

41.5578, 44.1177, 35.6034

Deuteranopia

44.9195, 43.9587, 43.1632



Tritanopia

35.0419, 44.7457, 65.8214

Trichromacy



Original Color

30.1090, 44.7461, 41.2324



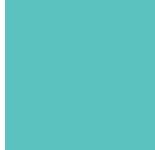
Protanomaly

35.4781, 43.3604, 37.5098



Deuteranomaly

36.9244, 42.7695, 42.3856



Tritanomaly

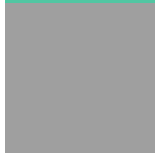
33.0101, 44.5693, 56.1531

Monochromacy



Original Color

30.1090, 44.7461, 41.2324



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

30.6488, 37.2505, 38.8324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1090, 44.7461, 41.2324 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(81, 198, 162)` looks like.

```
.text, #text, p{  
    color:rgb(81, 198, 162)  
}
```

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(81, 198, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 198, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.1090, 44.7461, 41.2324 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(81, 198, 162) }
```


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

```
.border{ border-color:rgb(81, 198, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 198, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 198, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 198, 162); box-shadow:4px 4px 4px 4px rgb(81, 198, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1090, 44.7461, 41.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 198, 162) }
```

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

```
.background{ background-color: rgb(81, 198,  
162) }
```

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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