

Converting Colors

XYZ(24.3284, 35.8501, 20.3894)

Have a look what the booklet for
XYZ(24.3284, 35.8501, 20.3894)
contains.

XYZ(24.3284, 35.8501, 20.3894)	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(24.3284, 35.8501,
20.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	67B26E
RGB	103, 178, 110
RGB Percent	40%, 70%, 43%
CMY	0.5961, 0.3019, 0.5686
CMYK	0.42, 0.00, 0.38, 0.30
HSL	126°, 33%, 55%
HSV	126°, 42%, 70%
XYZ	24.3284, 35.8501, 20.3894
YIQ	147.8230, -22.8720, -37.0480

Conversions

Conversions Part 2

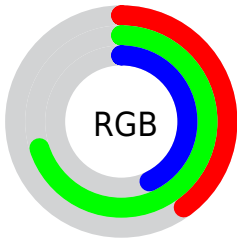
Format	Color
RYB	103, 172, 178
Decimal	6795886
CIELab	66.41, -37.73, 27.66
CIELCh	66, 46.781, 143.760
Yxy	35.8501, 0.3020, 0.4450
Android (android.graphics.Color)	4284985966 (0xFF67B26E)
YUV	147.8230, -18.6467, -39.3098
Hunter-Lab	59.8750, -32.2530, 21.7223

Details

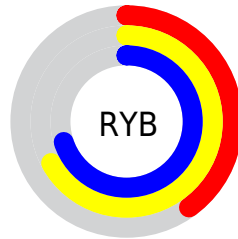
The XYZ color **24.3284, 35.8501, 20.3894** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30.5622, 22.1065, 41.1855**, and the grayscale version is **28.1574, 29.6237, 32.2602**.

A 20% lighter version of the original color is **49.8490, 68.6224, 44.8005**, and **9.4425, 15.6571, 6.9393** is the 20% darker color. If you saturate the color by 10%, you get **21.6999, 34.5885, 16.0901**, and if you desaturate by 10%, it is **27.5534, 37.4028, 25.5536**.

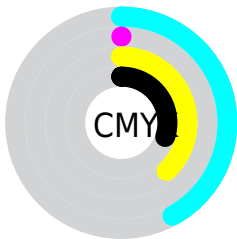
Distribution



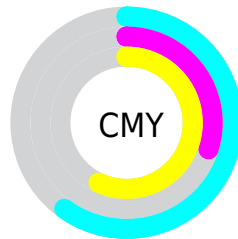
- Red (40%)
- Green (70%)
- Blue (43%)



- Red (40%)
- Yellow (67%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3284, 35.8501, 20.3894 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 24.3284, 35.8501, 20.3894 by changing the saturation by 10% instead.

■ 24.3284, 35.8501,
20.3894

■ 24.3284, 35.8501,
20.3894

266.8863,
328.3049, 266.6891

■ 15.7035, 24.3184,
12.4915

■ 50.0164, 68.8006,
44.9366

■ 9.4041, 15.5700,
6.9528

■ 67.8101, 90.9883,
62.4230

■ 5.0649, 9.2204,
3.3546

■ 89.3908, 117.4968,
83.9427

■ 2.3205, 4.8852,
1.2784

■ 115.1238,
148.7104, 109.9142

■ 0.8051, 2.1801,
0.0440

145.3745,
185.0137, 140.7560

■ 0.0000, 0.7091,
0.0000

180.5083,

■ 0.0000, 0.0000,

226.7909, 176.8868

0.0000

220.8904,
274.4265, 218.7249

■ 24.3284, 35.8501,
20.3894

■ 24.3284, 35.8501,
20.3894

■ 21.6999, 34.5885,
16.0901

■ 27.5534, 37.4028,
25.5536

■ 19.6286, 33.5957,
12.6061

■ 31.4057, 39.2583,
31.6238

■ 18.0750, 32.8534,
9.8867


■ 35.9170, 41.4333,
38.6414


■ 16.9928, 32.3389,
7.8744


■ 41.1162, 43.9419,
46.6445


■ 16.3278, 32.0257,
6.5035


■ 47.0306, 46.7972,
55.6691

 16.0193, 31.8814,
5.8241

 53.6857, 50.0118,
65.7495

 61.1061, 53.5977,
76.9183

 69.3150, 57.5660,
89.2067

 75.2111, 60.3221,
102.2870

Harmonies

Analogous

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



28.9329, 35.8501, 13.3114



24.3284, 35.8501, 20.3894



22.3667, 35.8501, 34.9916

Triad

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



24.3284, 35.8501, 20.3894



32.6318, 35.8501, 91.2780



47.9416, 35.8501, 25.4695

Complementary

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



24.3284, 35.8501, 20.3894



30.5622, 22.1065, 41.1855

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.



49.2866, 35.8501, 43.3777



24.3284, 35.8501, 20.3894



39.7917, 35.8501, 86.0272

Square

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



24.3284, 35.8501, 20.3894



26.7189, 35.8501, 79.1227



46.1274, 35.8501, 66.5537



42.6693, 35.8501, 15.4638

Rectangle

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



24.3284, 35.8501, 20.3894



22.5991, 35.8501, 48.9425



46.1274, 35.8501, 66.5537



48.8955, 35.8501, 30.5633

Sweetspot

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



24.3293, 35.8516, 20.3902



64.1795, 74.6750, 68.5986



35.3284, 41.5642, 18.9930



13.8049, 16.3446, 14.5560



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.3293, 35.8516, 20.3902



39.4575, 62.7733, 29.3556



26.7618, 36.8246, 33.1994



8.4201, 9.5025, 9.2061



11.4724, 22.8149, 4.2246



0.3715, 0.7220, 0.1881

Inverse Universe

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



30.5622, 22.1065, 41.1855



52.3306, 34.3529, 72.2817



27.5319, 20.8944, 25.2285



8.8152, 8.6328, 10.5250



17.7765, 8.6282, 25.0470



0.5692, 0.2754, 0.8401

Previews

White Background



This preview shows how the XYZ color 24.3284, 35.8501, 20.3894 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 24.3284, 35.8501, 20.3894 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 24.3284, 35.8501, 20.3894

Background



This preview shows how black text looks on a background with the XYZ color 24.3284, 35.8501, 20.3894.



This preview shows how white text looks on a background with the XYZ color 24.3284, 35.8501,

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

24.3284, 35.8501, 20.3894

Protanopia

32.8722, 35.5830, 17.9676

Deuteranopia

36.1360, 35.4254, 21.1529



Tritanopia

30.2064, 35.6464, 50.0881

Trichromacy



Original Color

24.3284, 35.8501, 20.3894



Protanomaly

28.8147, 35.0676, 18.8857



Deuteranomaly

30.3759, 34.7576, 20.7307



Tritanomaly

27.5633, 35.4161, 36.8357

Monochromacy



Original Color

24.3284, 35.8501, 20.3894



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.2169, 31.4230, 27.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3284, 35.8501, 20.3894 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(103, 178, 110)` looks like.

```
.text, #text, p{  
    color:rgb(103, 178, 110)  
}
```

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(103, 178, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 178, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.3284, 35.8501, 20.3894 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(103, 178, 110) }
```


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

```
.border{ border-color:rgb(103, 178, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 178, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 178, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 178, 110);  
box-shadow:4px 4px 4px 4px rgb(103, 178,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3284, 35.8501, 20.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 178, 110) }
```

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

```
.background{ background-color: rgb(103,  
178, 110) }
```

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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