

Converting Colors

XYZ(21.0895, 35.0690, 21.4666)

Have a look what the booklet for
XYZ(21.0895, 35.0690, 21.4666)
contains.

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Color

**XYZ(21.0825, 35.0469,
21.5732)**

Conversions

Conversions Part 1

Format	Color
Hex	36B572
RGB	54, 181, 114
RGB Percent	21%, 71%, 45%
CMY	0.7882, 0.2902, 0.5529
CMYK	0.70, 0.00, 0.37, 0.29
HSL	148°, 54%, 46%
HSV	148°, 70%, 71%
XYZ	21.0825, 35.0469, 21.5732
YIQ	135.3890, -54.1850, -47.7610

Conversions

Conversions Part 2

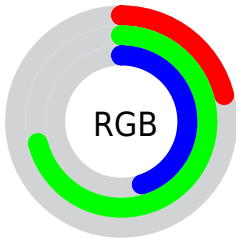
Format	Color
RYB	54, 140, 181
Decimal	3585394
CIELab	65.79, -49.86, 24.41
CIELCh	66, 55.512, 153.910
Yxy	35.0469, 0.2713, 0.4510
Android (android.graphics.Color)	4281775474 (0xFF36B572)
YUV	135.3890, -10.5448, -71.3782
Hunter-Lab	59.2004, -40.0332, 19.8345

Details

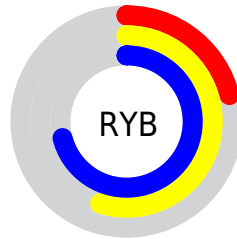
The XYZ color **21.0825, 35.0469, 21.5732** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **23.8276, 13.8434, 19.5069**, and the grayscale version is **23.2271, 24.4367, 26.6115**.

A 20% lighter version of the original color is **44.7936, 67.6842, 46.7799**, and **8.5435, 15.5604, 7.5542** is the 20% darker color. If you saturate the color by 10%, you get **19.7705, 34.4310, 18.8215**, and if you desaturate by 10%, it is **22.8145, 35.8746, 24.6424**.

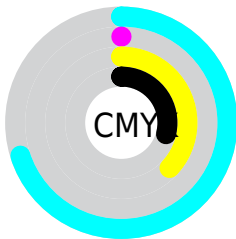
Distribution



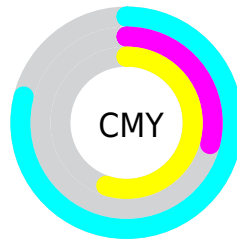
- Red (21%)
- Green (71%)
- Blue (45%)



- Red (21%)
- Yellow (55%)
- Blue (71%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (79%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0825, 35.0469, 21.5732 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 21.0825, 35.0469, 21.5732 by changing the saturation by 10% instead.

■ 21.0825, 35.0469,
21.5732

■ 21.0825, 35.0469,
21.5732

250.4400,
324.7753, 273.1897

■ 13.2971, 23.6990,
13.3483

■ 44.7150, 67.5584,
46.9327

■ 7.7119, 15.1105,
7.5353

■ 61.2929, 89.4908,
64.9044

■ 3.9614, 8.8970,
3.7156

■ 81.5323, 115.7202,
86.9620

■ 1.6803, 4.6740,
1.4706

■ 105.7986,
146.6309, 113.5243

■ 0.4439, 2.0573,
0.1959

■ 134.4572,
182.6074, 145.0096

■ 0.0000, 0.6405,
0.0000

167.8734,

■ 0.0000, 0.0000,

224.0340, 181.8366

0.0000

206.4126,
271.2952, 224.4238

■ 21.0825, 35.0469,
21.5732

■ 21.0825, 35.0469,
21.5732

■ 19.7705, 34.4310,
18.8215

■ 22.8145, 35.8746,
24.6424

■ 18.8315, 34.0002,
16.3737

■ 25.0014, 36.9291,
28.0370

■ 18.1846, 33.7130,
14.2500

■ 27.6774, 38.2288,
31.7678

■ 30.8723, 39.7890,
35.8441

■ 34.6138, 41.6236,
40.2749

■ 38.9272, 43.7456,
45.0688

■ 43.8364, 46.1671,
50.2342

■ 49.3639, 48.8997,
55.7790

■ 55.5309, 51.9539,
61.7110

Harmonies

Analogous

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



25.2805, 35.0469, 11.6465



21.0825, 35.0469, 21.5732



19.9484, 35.0469, 41.3163

Triad

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



21.0825, 35.0469, 21.5732



34.3956, 35.0469, 103.0957



48.1523, 35.0469, 18.1349

Complementary

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



21.0825, 35.0469, 21.5732



23.8276, 13.8434, 19.5069

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.



51.6067, 35.0469, 35.1689



21.0825, 35.0469, 21.5732



42.8841, 35.0469, 89.1144

Square

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



21.0825, 35.0469, 21.5732



26.8585, 35.0469, 94.6337



49.5371, 35.0469, 61.6102



40.7221, 35.0469, 10.3083

Rectangle

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



21.0825, 35.0469, 21.5732



20.8965, 35.0469, 59.4957



49.5371, 35.0469, 61.6102



49.8676, 35.0469, 22.6535

Sweetspot

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



21.0834, 35.0483, 21.5740



61.1424, 74.1278, 71.1535



25.1793, 37.4337, 9.3889



12.8082, 15.8220, 14.9048



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.



21.0834, 35.0483, 21.5740



34.4483, 61.2200, 31.3442



25.9589, 36.9985, 47.2480



8.5505, 9.5547, 9.8927



12.5701, 23.2540, 10.0052



0.4251, 0.7435, 0.4704

Inverse Universe

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



23.8276, 13.8434, 19.5069



39.6525, 20.8889, 27.3373



21.1459, 12.7707, 5.3852



8.6774, 8.5777, 9.7996



14.6115, 7.3622, 8.3802



0.4889, 0.2433, 0.4175

Previews

White Background



This preview shows how the XYZ color 21.0825, 35.0469, 21.5732 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 21.0825, 35.0469, 21.5732 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 21.0825, 35.0469, 21.5732

Background



This preview shows how black text looks on a background with the XYZ color 21.0825, 35.0469, 21.5732.



This preview shows how white text looks on a background with the XYZ color 21.0825, 35.0469,

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

21.0825, 35.0469, 21.5732

Protanopia

31.9612, 34.5869, 18.3560

Deuteranopia

34.9291, 34.2761, 22.8641



Tritanopia

27.0951, 34.8441, 51.7519

Trichromacy



Original Color

21.0825, 35.0469, 21.5732



Protanomaly

25.5788, 33.3873, 19.2836



Deuteranomaly

26.8484, 32.9057, 22.0759



Tritanomaly

24.3476, 34.5757, 38.6482

Monochromacy



Original Color

21.0825, 35.0469, 21.5732



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.0029, 27.0530, 24.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0825, 35.0469, 21.5732 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(54, 181, 114)` looks like.

```
.text, #text, p{  
    color:rgb(54, 181, 114)  
}
```

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(54, 181, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 181, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.0825, 35.0469, 21.5732 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(54, 181, 114) }
```


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

```
.border{ border-color:rgb(54, 181, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 181, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 181, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 181, 114);  
box-shadow:4px 4px 4px 4px rgb(54, 181,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0825, 35.0469, 21.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 181, 114) }
```

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

```
.background{ background-color: rgb(54, 181,  
114) }
```

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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