

Converting Colors

XYZ(21.0639, 24.9830, 37.4571)

Have a look what the booklet for
XYZ(21.0639, 24.9830, 37.4571)
contains.

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Color

**XYZ(21.0224, 24.8994,
37.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	5E90A1
RGB	94, 144, 161
RGB Percent	37%, 56%, 63%
CMY	0.6314, 0.4353, 0.3686
CMYK	0.42, 0.11, 0.00, 0.37
HSL	195°, 26%, 50%
HSV	195°, 42%, 63%
XYZ	21.0224, 24.8994, 37.4163
YIQ	130.9880, -35.2570, -5.3130

Conversions

Conversions Part 2

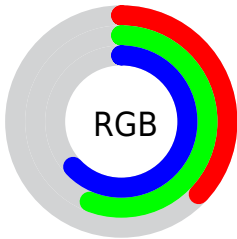
Format	Color
R_{YB}	94, 123, 161
Decimal	6197409
CIE _{Lab}	56.98, -12.18, -14.26
CIE _{LCh}	57, 18.756, 229.509
Yxy	24.8994, 0.2523, 0.2988
Android (android.graphics.Color)	4284387489 (0xFF5E90A1)
YUV	130.9880, 14.7959, -32.4385
Hunter-Lab	49.8993, -12.1223, -9.5283

Details

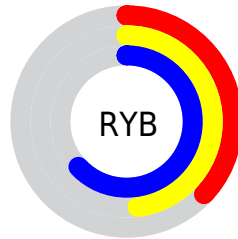
The XYZ color **21.0224, 24.8994, 37.4163** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4033, 19.7547, 13.2227**, and the grayscale version is **21.5276, 22.6487, 24.6645**.

A 20% lighter version of the original color is **44.6214, 51.5491, 72.5639**, and **7.6775, 9.5810, 15.9127** is the 20% darker color. If you saturate the color by 10%, you get **18.9331, 22.9209, 37.1450**, and if you desaturate by 10%, it is **23.4800, 27.1021, 37.7124**.

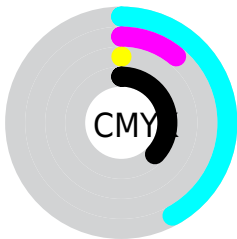
Distribution



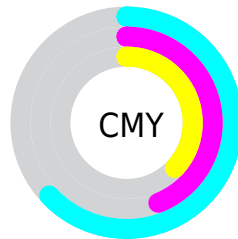
- Red (37%)
- Green (56%)
- Blue (63%)



- Red (37%)
- Yellow (48%)
- Blue (63%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0224, 24.8994, 37.4163 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 21.0224, 24.8994, 37.4163 by changing the saturation by 10% instead.

■ 21.0224, 24.8994,
37.4163

■ 21.0224, 24.8994,
37.4163

250.1270,
277.3366, 350.3322

■ 13.2529, 16.0021,
25.2317

■ 44.6158, 51.4940,
72.4061

■ 7.6811, 9.5257,
16.0292

■ 61.1705, 69.9601,
96.0483

■ 3.9417, 5.0856,
9.3902

■ 81.3842, 92.3845,
124.3468

■ 1.6692, 2.2976,
4.8963

■ 105.6224,
119.1518, 157.7201

■ 0.4369, 0.7724,
2.1289

134.2504,
150.6462, 196.5867

■ 0.0000, 0.0000,
0.6329

167.6336,

■ 0.0000, 0.0000,

187.2522, 241.3652

0.0000

206.1374,
229.3542, 292.4742

■ 21.0224, 24.8994,
37.4163

■ 21.0224, 24.8994,
37.4163

■ 18.9331, 22.9209,
37.1450

■ 23.4800, 27.1021,
37.7124

■ 17.1880, 21.1522,
36.8956

■ 26.3235, 29.5368,
38.0324

■ 15.7636, 19.5814,
36.6674

■ 29.5723, 32.2142,
38.3780

■ 14.6323, 18.1939,
36.4592

■ 33.2434, 35.1437,
38.7500

■ 13.7615, 16.9724,
36.2694

■ 37.3531, 38.3339,
39.1491

■ 13.1679, 16.0428,
36.1212

■ 41.9168, 41.7929,
39.5763

■ 46.9490, 45.5287,
40.0321

■ 52.4635, 49.5487,
40.5174

■ 58.4738, 53.8601,
41.0328

Harmonies

Analogous

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



19.8959, 24.8994, 31.3650



21.0224, 24.8994, 37.4163



22.9037, 24.8994, 40.8651

Triad

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



21.0224, 24.8994, 37.4163



28.0775, 24.8994, 29.3791



22.2803, 24.8994, 17.2139

Complementary

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



21.0224, 24.8994, 37.4163



22.4033, 19.7547, 13.2227

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.



24.4453, 24.8994, 16.8520



21.0224, 24.8994, 37.4163



27.8848, 24.8994, 23.2605

Square

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



21.0224, 24.8994, 37.4163



27.0338, 24.8994, 35.7701



26.5227, 24.8994, 18.8966



20.5904, 24.8994, 19.9763

Rectangle

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



21.0224, 24.8994, 37.4163



24.3724, 24.8994, 40.9125



26.5227, 24.8994, 18.8966



22.9736, 24.8994, 16.8257

Sweetspot

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



21.0232, 24.9004, 37.4169



52.5832, 57.3859, 68.6917



20.2171, 29.0122, 19.5020



11.3725, 12.4556, 15.0484



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.



21.0232, 24.9004, 37.4169



34.1397, 41.2759, 66.5542



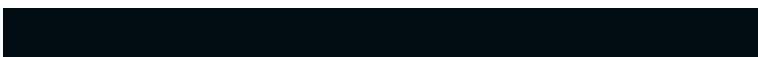
16.7070, 16.2681, 35.9782



7.1233, 7.7055, 9.0149



10.5504, 12.8801, 28.8598



0.2560, 0.3393, 0.6179

Inverse Universe

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



23.7354, 17.5969, 28.5321



39.8316, 26.9828, 47.6763



26.7301, 28.4082, 14.6650



7.2872, 7.1713, 8.4987



14.4708, 7.1444, 14.9357



0.3214, 0.1571, 0.4051

Previews

White Background



This preview shows how the XYZ color 21.0224, 24.8994, 37.4163 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 21.0224, 24.8994, 37.4163 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 21.0224, 24.8994, 37.4163

Background



This preview shows how black text looks on a background with the XYZ color 21.0224, 24.8994, 37.4163.



This preview shows how white text looks on a background with the XYZ color 21.0224, 24.8994,

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

21.0224, 24.8994, 37.4163

Protanopia

24.2532, 24.6810, 34.4960

Deuteranopia

25.1517, 24.6536, 38.0833



Tritanopia

20.6404, 24.9783, 35.1859

Trichromacy



Original Color

21.0224, 24.8994, 37.4163

Protanomaly

22.7820, 24.5332, 35.4329

Deuteranomaly

23.3524, 24.5649, 37.6931

Tritanomaly

20.8112, 25.0466, 36.0854

Monochromacy



Original Color

21.0224, 24.8994, 37.4163

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1579, 23.4129, 28.9952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0224, 24.8994, 37.4163 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(94, 144, 161) looks like.

```
.text, #text, p{  
    color:rgb(94, 144, 161)  
}
```

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(94, 144, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 144, 161) }
```

Border

The CSS property to change the border of an element to XYZ 21.0224, 24.8994, 37.4163 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(94, 144, 161) }
```


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

```
.border{ border-color:rgb(94, 144, 161) }
```

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

Here you see how a box with a 4 pixel rgb(94, 144, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 144, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 144, 161);  
box-shadow:4px 4px 4px 4px rgb(94, 144,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0224, 24.8994, 37.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 144, 161) }
```

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

```
.background{ background-color: rgb(94, 144,  
161) }
```

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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