

Converting Colors

XYZ(23.1984, 40.1773, 25.6011)

Have a look what the booklet for
XYZ(23.1984, 40.1773, 25.6011)
contains.

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Color

**XYZ(23.1984, 40.1773,
25.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	13C27C
RGB	19, 194, 124
RGB Percent	7%, 76%, 49%
CMY	0.9255, 0.2392, 0.5137
CMYK	0.90, 0.00, 0.36, 0.24
HSL	156°, 82%, 42%
HSV	156°, 90%, 76%
XYZ	23.1984, 40.1773, 25.6011
YIQ	133.6950, -81.8300, -58.8700

Conversions

Conversions Part 2

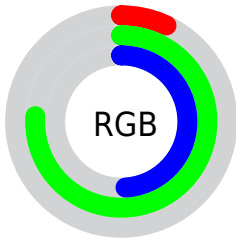
Format	Color
RYB	19, 128, 194
Decimal	1294972
CIELab	69.60, -56.48, 24.14
CIELCh	70, 61.417, 156.859
Yxy	40.1773, 0.2607, 0.4515
Android (android.graphics.Color)	4279485052 (0xFF13C27C)
YUV	133.6950, -4.7796, -100.5875
Hunter-Lab	63.3856, -45.5958, 20.4230

Details

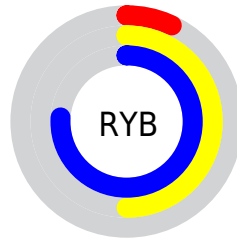
The XYZ color **23.1984, 40.1773, 25.6011** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.2855, 12.6571, 10.6158**, and the grayscale version is **22.5877, 23.7641, 25.8791**.

A 20% lighter version of the original color is **48.3397, 75.6787, 53.6547**, and **10.4686, 18.9597, 9.5864** is the 20% darker color. If you saturate the color by 10%, you get **22.4682, 39.8554, 23.1538**, and if you desaturate by 10%, it is **24.2556, 40.6644, 28.3153**.

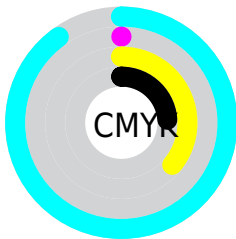
Distribution



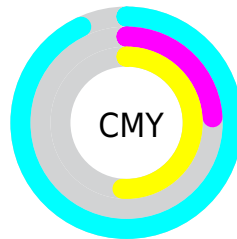
- Red (7%)
- Green (76%)
- Blue (49%)



- Red (7%)
- Yellow (50%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)





- Cyan (93%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1984, 40.1773, 25.6011 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 23.1984, 40.1773, 25.6011 by changing the saturation by 10% instead.


 23.1984, 40.1773,
25.6011


 23.1984, 40.1773,
25.6011


261.2587,
346.8703, 294.3613


 14.8616, 27.6768,
16.3024


 48.1832, 75.4334,
53.6069


 8.8080, 18.0822,
9.5817


 65.5618, 98.9578,
73.1510


 4.6722, 11.0090,
5.0206


 86.6851, 126.9257,
96.9474

 2.0890, 6.0729,
2.2004

 111.9184,
159.7214, 125.4145

 0.6832, 2.8895,
0.6746

 141.6270,
197.7293, 158.9709

 0.0000, 1.0743,
0.0000

176.1764,

 0.0000, 0.0000,

241.3338, 198.0351

0.0000

215.9319,
290.9194, 243.0257

■ 23.1984, 40.1773,
25.6011

■ 23.1984, 40.1773,
25.6011

■ 22.4682, 39.8554,
23.1538

■ 24.2556, 40.6644,
28.3153

■ 25.7247, 41.3583,
31.2540

■ 27.6586, 42.2870,
34.4249

■ 30.1006, 43.4730,
37.8342

■ 33.0893, 44.9359,
41.4879

■ 36.6592, 46.6936,
45.3914

■ 40.8419, 48.7621,
49.5501

■ 45.6666, 51.1565,
53.9692

■ 51.1607, 53.8909,
58.6536

Harmonies

Analogous

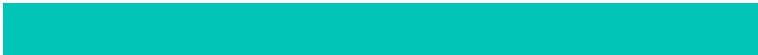
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.8521, 40.1773, 12.9825



23.1984, 40.1773, 25.6011



22.2101, 40.1773, 50.5985

Triad

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



23.1984, 40.1773, 25.6011



40.5104, 40.1773, 123.4639



55.5686, 40.1773, 18.4824

Complementary

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



23.1984, 40.1773, 25.6011



24.2855, 12.6571, 10.6158

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.



60.4233, 40.1773, 37.5424



23.1984, 40.1773, 25.6011



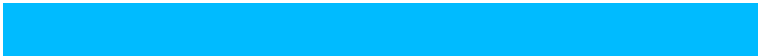
50.8071, 40.1773, 103.6124

Square

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



23.1984, 40.1773, 25.6011



31.1722, 40.1773, 115.6397



58.5449, 40.1773, 68.9124



46.1830, 40.1773, 10.2913

Rectangle

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



23.1984, 40.1773, 25.6011



23.5755, 40.1773, 73.3524



58.5449, 40.1773, 68.9124



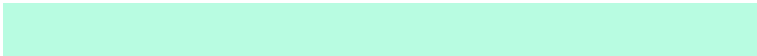
57.8524, 40.1773, 23.4193

Sweetspot

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



23.1994, 40.1789, 25.6020



68.4040, 85.5761, 84.2788



23.8159, 40.9034, 7.2563



14.4358, 18.4717, 17.8953



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.



23.1994, 40.1789, 25.6020



40.5758, 72.1533, 41.2657



26.2111, 36.4426, 56.6936



10.1924, 11.3580, 12.0166



14.8130, 26.2193, 15.4403



0.6733, 1.1462, 0.8424

Inverse Universe

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



24.2855, 12.6571, 10.6158



42.6562, 21.7188, 14.2516



22.9270, 12.6375, 1.8473



10.2364, 10.1432, 11.3353



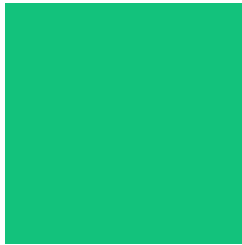
15.5604, 7.9139, 5.5971



0.7063, 0.3555, 0.4210

Previews

White Background



This preview shows how the XYZ color 23.1984, 40.1773, 25.6011 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 23.1984, 40.1773, 25.6011 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

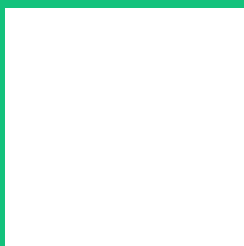
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1984, 40.1773, 25.6011

Background



This preview shows how black text looks on a background with the XYZ color 23.1984, 40.1773, 25.6011.

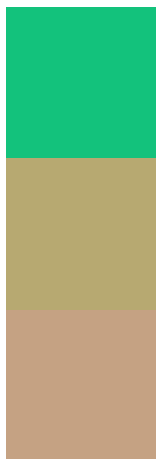


This preview shows how white text looks on a background with the XYZ color 23.1984, 40.1773,

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

23.1984, 40.1773, 25.6011

Protanopia

36.6970, 39.6355, 21.3391

Deuteranopia

40.0430, 39.3497, 26.9575



Tritanopia

30.3001, 40.1701, 60.8002

Trichromacy



Original Color

23.1984, 40.1773, 25.6011



Protanomaly

27.2997, 37.3361, 22.5974



Deuteranomaly

28.5481, 36.7361, 26.0082



Tritanomaly

26.7949, 39.6488, 45.2705

Monochromacy



Original Color

23.1984, 40.1773, 25.6011



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.3314, 27.6640, 25.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1984, 40.1773, 25.6011 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(19, 194, 124)` looks like.

```
.text, #text, p{  
    color:rgb(19, 194, 124)  
}
```

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(19, 194, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 194, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.1984, 40.1773, 25.6011 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(19, 194, 124) }
```


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

```
.border{ border-color:rgb(19, 194, 124) }
```

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

Here you see how a box with a 4 pixel rgb(19, 194, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 194, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 194, 124);  
box-shadow:4px 4px 4px 4px rgb(19, 194,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1984, 40.1773, 25.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 194, 124) }
```

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

```
.background{ background-color: rgb(19, 194,  
124) }
```

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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