

Converting Colors

HunterLab(20.3775, 1.1278,
-23.9989)

Have a look what the booklet for
HunterLab(20.3775, 1.1278,
-23.9989) contains.

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Color

**HunterLab(20.3073, 1.2032,
-24.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	133A66
RGB	19, 58, 102
RGB Percent	7%, 23%, 40%
CMY	0.9255, 0.7725, 0.6000
CMYK	0.81, 0.43, 0.00, 0.60
HSL	212°, 69%, 24%
HSV	212°, 81%, 40%
XYZ	4.1799, 4.1239, 13.1460
YIQ	51.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

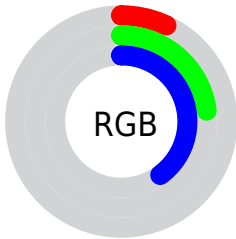
Format	Color
R_{YB}	19, 46, 102
Decimal	1260134
CIE _{Lab}	24.08, 3.74, -29.75
CIE _{LCh}	24, 29.986, 277.170
Yxy	4.1240, 0.1949, 0.1923
Android (android.graphics.Color)	4279450214 (0xFF133A66)
YUV	51.3550, 24.9680, -28.3753
Hunter-Lab	20.3073, 1.2032, -24.1666

Details

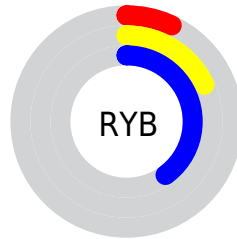
The HunterLab color **20.3073, 1.2032, -24.1666** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.3526, 7.5578, 14.3130**, and the grayscale version is **18.2425, -0.9734, 0.9912**.

A 20% lighter version of the original color is **37.3357, 0.5527, -24.8425**, and **7.8580, 5.7933, -22.3280** is the 20% darker color. If you saturate the color by 10%, you get **18.7760, 2.9175, -28.0736**, and if you desaturate by 10%, it is **21.9635, -0.1488, -20.4025**.

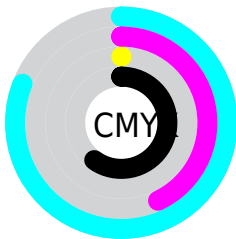
Distribution



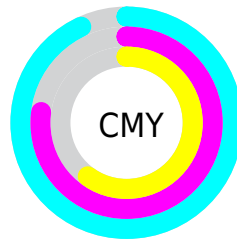
- Red (7%)
- Green (23%)
- Blue (40%)



- Red (7%)
- Yellow (18%)
- Blue (40%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3073, 1.2032, -24.1666 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 HunterLab color 20.3073, 1.2032, -24.1666 by changing the saturation by 10% instead.

■ 20.3073, 1.2032,
-24.1666

■ 20.3073, 1.2032,
-24.1666

■ 118.7448, -2.2809,
-28.2702

■ 13.2029, 1.2913,
-23.9772

■ 37.2715, 0.7909,
-25.2296

■ 6.7184, 2.0686,
-27.3286

■ 46.9546, 0.4901,
-25.8028

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.3557, 0.1364,
-26.3432

0.0000, NaN, NaN

■ 68.4282, -0.2651,
-26.8365

0.0000, NaN, NaN

■ 80.1338, -0.7105,
-27.2767

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4398, -1.1967,

-27.6621

0.0000, NaN, NaN

105.3183, -1.7209,
-27.9929

20.3073, 1.2032,
-24.1666

20.3073, 1.2032,
-24.1666

18.7760, 2.9175,
-28.0736

21.9635, -0.1488,
-20.4025

17.5129, 4.5384,
-31.6866

23.7324, -1.1623,
-16.8011

25.6026, -1.8705,
-13.3670

27.5634, -2.3093,
-10.0956

29.6053, -2.5129,
-6.9759

■ 31.7201, -2.5120,
-3.9944

■ 33.9007, -2.3337,
-1.1363

■ 36.1409, -2.0012,
1.6126

■ 38.4355, -1.5342,
4.2659

Harmonies

Analogous

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



20.3076, -7.5877, -21.7552



20.3073, 1.2032, -24.1666



20.3076, 10.9320, -17.7397

Triad

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



20.3076, 1.2036, -24.1661



20.3076, 15.2808, 8.9499



20.3076, -15.1163, 6.6751

Complementary

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



20.3073, 1.2032, -24.1666



25.3526, 7.5578, 14.3130

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.



20.3076, -10.8276, 10.5447



20.3073, 1.2032, -24.1666



20.3076, 6.3561, 11.3830

Square

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



20.3076, 1.2036, -24.1661



20.3076, 19.9586, 3.1223



20.3076, -3.2758, 11.8147



20.3076, -15.9962, -1.1423

Rectangle

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



20.3073, 1.2032, -24.1666



20.3076, 16.2973, -10.4954



20.3076, -3.2758, 11.8147



20.3076, -14.0687, 8.3522

Sweetspot

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



20.3076, 1.2036, -24.1661



41.0663, -3.3548, -6.5826



31.6036, -22.0589, 10.5684



19.6002, -1.6310, -3.6832



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



20.3076, 1.2036, -24.1661



23.0941, 6.3950, -42.2561



12.5624, 19.6167, -51.2439



17.1923, -1.1310, -0.2270



19.6530, 5.5280, -36.4979



42.9182, 16.6488, -89.5840

Inverse Universe

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



18.9638, 27.7720, -0.3439



23.1915, 40.6599, 2.7133



35.0635, -9.4707, 20.3979



16.9288, 0.7203, 0.5379



19.7318, 35.1370, 2.3187



44.8690, 79.5380, 8.0757

Previews

White Background



This preview shows how the HunterLab color 20.3073, 1.2032, -24.1666 looks on a white 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

Black Background



This preview shows how the HunterLab color 20.3073, 1.2032, -24.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

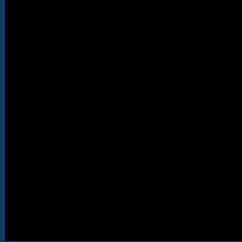
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 20.3073, 1.2032, -24.1666 Background



This preview shows how black text looks on a background with the HunterLab color 20.3073, 1.2032, -24.1666.



This preview shows how white text looks on a background with the HunterLab color 20.3073, 1.2032, -24.1666.

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

20.3073, 1.2032, -24.1666

Protanopia

20.3973, 3.8051, -22.4101

Deuteranopia

20.2375, 0.9679, -24.3402

Trichromacy



Original Color

20.3073, 1.2032, -24.1666

Protanomaly

20.3891, 2.6398, -23.1923

Deuteranomaly

20.2598, 1.0430, -24.2848

Monochromacy



Original Color

20.3073, 1.2032, -24.1666

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.7400, -1.7302, -6.8151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3073, 1.2032, -24.1666 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, 58, 102)` looks like.

```
.text, #text, p{  
    color:rgb(19, 58, 102)  
}
```

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, 58, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 58, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3073, 1.2032, -24.1666 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, 58, 102) }
```

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

```
.border{ border-color:rgb(19, 58, 102) }
```

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

Here you see how a box with a 4 pixel rgb(19, 58, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 58, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 58, 102);  
box-shadow:4px 4px 4px 4px rgb(19, 58,  
102) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.3073, 1.2032, -24.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 58, 102) }
```

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

```
.background{ background-color: rgb(19, 58,  
102) }
```

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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