

Converting Colors

YUV(52.6240, 53.9224,
-28.6112)

Have a look what the booklet for
YUV(52.6240, 53.9224, -28.6112)
contains.

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Color

**YUV(52.6240, 53.9224,
-28.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	1430A2
RGB	20, 48, 162
RGB Percent	8%, 19%, 64%
CMY	0.9216, 0.8118, 0.3647
CMYK	0.88, 0.70, 0.00, 0.36
HSL	228°, 78%, 36%
HSV	228°, 88%, 64%
XYZ	7.8670, 4.8713, 34.7080
YIQ	52.6240, -53.2820, 29.5180

Conversions

Conversions Part 2

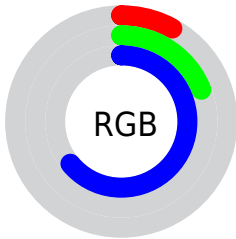
Format	Color
R_{YB}	20, 43, 162
Decimal	1323170
CIE _{Lab}	26.36, 35.29, -63.58
CIE _{LCh}	26, 72.719, 299.036
Yxy	4.8713, 0.1658, 0.1027
Android (android.graphics.Color)	4279513250 (0xFF1430A2)
YUV	52.6240, 53.9224, -28.6112
Hunter-Lab	22.0709, 25.0009, -77.7878

Details

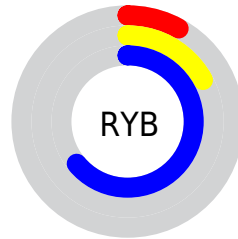
The YUV color **52.6240, 53.9224, -28.6112** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **129.3760, -53.9224, 28.6112**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4350, 54.0155, -11.7825**, and **17.1220, 45.2959, -15.0160** is the 20% darker color. If you saturate the color by 10%, you get **40.2090, 60.0430, -31.7553**, and if you desaturate by 10%, it is **65.0390, 47.8018, -25.4672**.

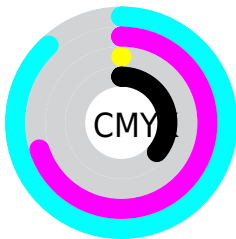
Distribution



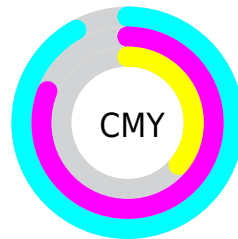
- Red (8%)
- Green (19%)
- Blue (64%)



- Red (8%)
- Yellow (17%)
- Blue (64%)



- Cyan (88%)
- Magenta (70%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (81%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6240, 53.9224, -28.6112 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 YUV color 52.6240, 53.9224, -28.6112 by changing the saturation by 10% instead.

■ 52.6240, 53.9224,
-28.6112

■ 52.6240, 53.9224,
-28.6112

■ 255.0000, 0.0000,
0.0000

■ 31.2390, 51.1542,
-27.3966

■ 108.4350, 54.0155,
-11.7825

■ 17.1220, 45.2959,
-15.0160

■ 135.3860, 55.0257,
-9.1085

■ 9.5760, 36.6910,
-8.3982

■ 160.2310, 46.7211,
-5.4646

■ 10.3620, 24.4715,
-9.0875

■ 184.4630, 34.7747,
-0.4061

■ 5.3920, 15.5827,
-4.7288

■ 209.8690, 22.2496,
3.6229

■ 2.0690, 5.3890,
-1.8145

■ 235.2750, 9.7244,

■ 0.0000, 0.0000,

7.6518

0.0000

■ 52.6240, 53.9224,
-28.6112

■ 52.6240, 53.9224,
-28.6112

■ 40.2090, 60.0430,
-31.7553

■ 65.0390, 47.8018,
-25.4672

■ 37.2520, 61.5008,
-32.6700

■ 77.4540, 41.6812,
-22.3232

■ 90.1680, 35.4132,
-18.5643

■ 102.5830, 29.2926,
-15.4203

■ 114.9980, 23.1720,
-12.2762

■ 127.4130, 17.0514,
-9.1322

■ 139.8280, 10.9308,
-5.9882

■ 152.5420, 4.6628,
-2.2293

■ 164.9570, -1.4578,
0.9147

Harmonies

Analogous

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



62.4420, 56.4771, -54.7616



52.6240, 53.9224, -28.6112



50.2720, 34.8689, 62.9055

Triad

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



52.6240, 53.9224, -28.6112



53.4900, -26.3706, 58.3293



54.8600, 2.0410, -48.1122

Complementary

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



52.6240, 53.9224, -28.6112



129.3760, -53.9224, 28.6112

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.



46.3730, -22.8619, -40.6691



52.6240, 53.9224, -28.6112



58.8410, -29.0086, 17.6794

Square

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



52.6240, 53.9224, -28.6112



45.1360, -15.8430, 88.4577



47.3250, -23.3312, -30.1030



61.9450, 26.6491, -54.3258

Rectangle

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



52.6240, 53.9224, -28.6112



53.0450, 15.7538, 80.6445



47.3250, -23.3312, -30.1030



51.9930, -6.4055, -45.5979

Sweetspot

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



52.6240, 53.9224, -28.6112



169.1400, 21.1300, -10.6468



116.3500, 8.7015, -84.4989



81.2840, 12.6780, -6.3881



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



52.6240, 53.9224, -28.6112



48.8220, 80.4468, -42.8169



49.0450, 55.6868, 12.2385



75.2000, 3.3524, -1.9294



33.5530, 54.9434, -29.4260



4.4000, 6.7048, -3.8588

Inverse Universe

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



65.6500, -8.7014, 84.4990



68.1760, -12.9048, 126.1336



132.9550, -55.6868, -12.2385



75.9190, -0.4531, 5.3330



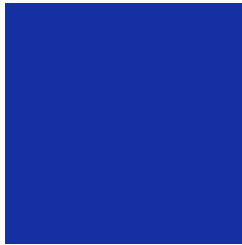
46.6610, -8.7069, 86.2433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 52.6240, 53.9224, -28.6112 looks on a white background.

Color Contrast Check

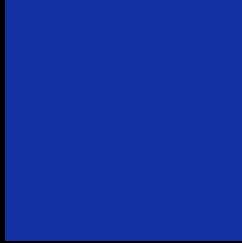
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 52.6240, 53.9224, -28.6112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

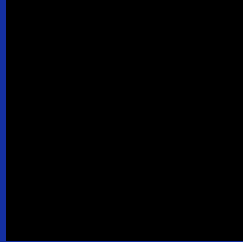
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6240, 53.9224, -28.6112

Background



This preview shows how black text looks on a background with the YUV color 52.6240, 53.9224, -28.6112.



This preview shows how white text looks on a background with the YUV color 52.6240, 53.9224,

-28.6112.

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

52.6240, 53.9224, -28.6112

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

52.6240, 53.9224, -28.6112

Protanomaly

50.9250, 43.9140, -38.5222

Deuteranomaly

50.7310, 38.0936, -38.3521

Tritanomaly

49.8700, 27.1791, -37.5970

Monochromacy



Original Color

52.6240, 53.9224, -28.6112

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7980, 19.8196, -10.3468

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6240, 53.9224, -28.6112 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(20, 48, 162)` looks like.

```
.text, #text, p{  
    color:rgb(20, 48, 162)  
}
```

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(20, 48, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 48, 162) }
```

Border

The CSS property to change the border of an element to YUV 52.6240, 53.9224, -28.6112 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(20, 48, 162) }
```


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

```
.border{ border-color:rgb(20, 48, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 48, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 48, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 48, 162);  
box-shadow:4px 4px 4px 4px rgb(20, 48,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 52.6240, 53.9224, -28.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 48, 162) }
```

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

```
.background{ background-color: rgb(20, 48,  
162) }
```

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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