

Converting Colors

XYZ(60.3276, 65.4390, 23.7697)

Have a look what the booklet for
XYZ(60.3276, 65.4390, 23.7697)
contains.

XYZ(60.2620, 65.3334, 23.6218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.2620, 65.3334,
23.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD36C
RGB	235, 211, 108
RGB Percent	92%, 83%, 42%
CMY	0.0784, 0.1725, 0.5765
CMYK	0.00, 0.10, 0.54, 0.08
HSL	49°, 76%, 67%
HSV	49°, 54%, 92%
XYZ	60.2620, 65.3334, 23.6218
YIQ	206.4340, 47.3670, -26.9450

Conversions

Conversions Part 2

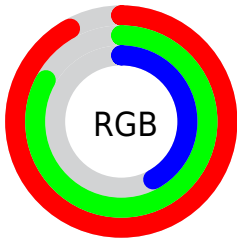
Format	Color
RYB	138, 235, 108
Decimal	15455084
CIELab	84.66, -4.32, 53.37
CIELCh	85, 53.543, 94.625
Yxy	65.3334, 0.4039, 0.4378
Android (android.graphics.Color)	4293645164 (0xFFEBD36C)
YUV	206.4340, -48.5280, 25.0524
Hunter-Lab	80.8291, -8.3705, 39.2532

Details

The XYZ color **60.2620, 65.3334, 23.6218** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.4308, 25.6880, 82.0041**, and the grayscale version is **59.2262, 62.3106, 67.8562**.

A 20% lighter version of the original color is **83.5216, 95.3886, 48.1922**, and **30.9022, 33.7466, 8.6264** is the 20% darker color. If you saturate the color by 10%, you get **58.0887, 62.7259, 17.5369**, and if you desaturate by 10%, it is **62.8059, 68.1428, 31.4945**.

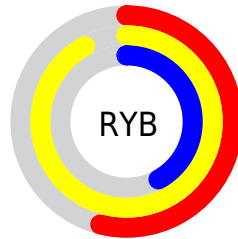
Distribution



Red (92%)

Green (83%)

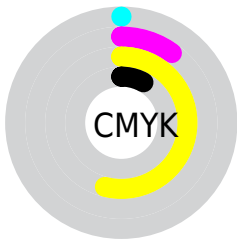
Blue (42%)



Red (54%)

Yellow (92%)

Blue (42%)

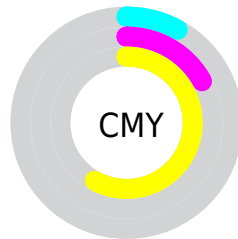


Cyan (0%)

Magenta (10%)

Yellow (54%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2620, 65.3334, 23.6218 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 60.2620, 65.3334, 23.6218 by changing the saturation by 10% instead.

60.2620, 65.3334,
23.6218

60.2620, 65.3334,
23.6218

415.3821,
443.9891, 284.1275

43.8801, 47.7315,
14.8437

104.3138,
112.5290, 50.3484

30.7738, 33.6143,
8.5644

132.7145,
142.8916, 69.1340

20.5776, 22.5974,
4.3652

165.8521,
178.2764, 92.0925

12.9263, 14.2965,
1.8278

204.0920,
219.0679, 119.6424

7.4545, 8.3272,
0.4462

247.7996,
265.6506, 152.2024

3.7968, 4.3050,
0.0000

297.3403,

1.5878, 1.8456,

318.4087, 190.1908

0.0000

353.0793,
377.7268, 234.0264

■ 0.3844, 0.5154,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2620, 65.3334,
23.6218

■ 60.2620, 65.3334,
23.6218

■ 58.0887, 62.7259,
17.5369

■ 62.8059, 68.1428,
31.4945

■ 56.2534, 60.2995,
13.0894


■ 65.7407, 71.1553,
41.2810


■ 54.7252, 58.0439,
10.1112


■ 69.0906, 74.3832,
53.1006

■ 53.4647, 55.9430,
8.3957


■ 72.8763, 77.8355,
67.0616


 52.8048, 54.7500,
7.7847

 77.1172, 81.5200,
83.2647

 81.8315, 85.4445,
101.8042

 84.0883, 88.4370,
107.2459

 85.4265, 91.1134,
107.6919

 86.7970, 93.8545,
108.1488

Harmonies

Analogous

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



72.4800, 65.3334, 26.6890



60.2620, 65.3334, 23.6218



49.9288, 65.3334, 29.5472

Triad

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



60.2620, 65.3334, 23.6218



45.0351, 65.3334, 115.4910



85.2721, 65.3334, 103.2484

Complementary

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



60.2620, 65.3334, 23.6218



29.4308, 25.6880, 82.0041

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.



76.0981, 65.3334, 140.2382



60.2620, 65.3334, 23.6218



52.7570, 65.3334, 148.7522

Square

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



60.2620, 65.3334, 23.6218



41.8851, 65.3334, 76.5794



63.9698, 65.3334, 159.0166



87.9474, 65.3334, 65.9587

Rectangle

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



60.2620, 65.3334, 23.6218



45.1745, 65.3334, 39.4219



63.9698, 65.3334, 159.0166



82.7930, 65.3334, 116.4689

Sweetspot

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



60.2636, 65.3365, 23.6231



86.7532, 92.8253, 77.0970



43.8852, 30.0924, 25.8317



18.3625, 19.6822, 15.7357



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.



60.2636, 65.3365, 23.6231



69.6247, 75.1276, 20.3378



55.4151, 72.3561, 25.2336



16.0960, 17.1150, 15.9739



29.4773, 30.6488, 4.3622



2.3770, 2.5313, 0.3633

Inverse Universe

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



29.4308, 25.6880, 82.0041



28.9785, 22.9255, 97.5055



32.2304, 22.8442, 81.3076



14.4615, 15.0094, 19.0571



8.9235, 4.4941, 44.1401



0.7651, 0.4818, 3.4875

Previews

White Background



This preview shows how the XYZ color 60.2620, 65.3334, 23.6218 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 60.2620, 65.3334, 23.6218 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 60.2620, 65.3334, 23.6218

Background



This preview shows how black text looks on a background with the XYZ color 60.2620, 65.3334, 23.6218.

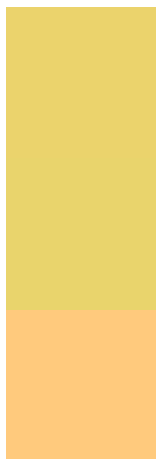


This preview shows how white text looks on a background with the XYZ color 60.2620, 65.3334,

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

60.2620, 65.3334, 23.6218

Protanopia

59.8545, 65.4933, 23.6742

Deuteranopia

66.0622, 64.9817, 28.4629



Tritanopia

70.3454, 65.1656, 73.1606

Trichromacy



Original Color

60.2620, 65.3334, 23.6218

Protanomaly

60.1819, 65.6621, 23.6895

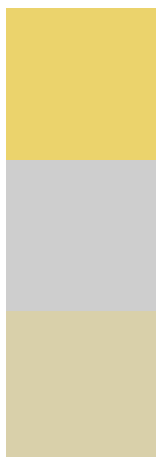
Deuteranomaly

63.8725, 64.9510, 26.6231

Tritanomaly

65.4680, 64.5472, 50.0826

Monochromacy



Original Color

60.2620, 65.3334, 23.6218

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4268, 62.7657, 47.0658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2620, 65.3334, 23.6218 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(235, 211, 108)` looks like.

```
.text, #text, p{  
    color:rgb(235, 211, 108)  
}
```

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(235, 211, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 211, 108) }
```

Border

The CSS property to change the border of an element to XYZ 60.2620, 65.3334, 23.6218 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(235, 211, 108) }
```


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

```
.border{ border-color:rgb(235, 211, 108) }
```

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

Here you see how a box with a 4 pixel rgb(235, 211, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 211, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 211, 108);  
box-shadow:4px 4px 4px 4px rgb(235, 211,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2620, 65.3334, 23.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 211, 108) }
```

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

```
.background{ background-color: rgb(235,  
211, 108) }
```

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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