

Converting Colors

XYZ(10.5847, 20.6034, 4.3497)

Have a look what the booklet for
XYZ(10.5847, 20.6034, 4.3497)
contains.

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Color

**XYZ(10.6514, 20.7295,
4.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9219
RGB	15, 146, 25
RGB Percent	6%, 57%, 10%
CMY	0.9412, 0.4274, 0.9019
CMYK	0.90, 0.00, 0.83, 0.43
HSL	125°, 81%, 32%
HSV	125°, 90%, 57%
XYZ	10.6514, 20.7295, 4.3595
YIQ	93.0370, -39.2350, -65.4030

Conversions

Conversions Part 2

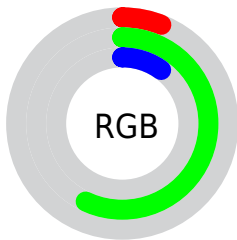
Format	Color
R_{YB}	15, 137, 146
Decimal	1020441
CIE _{Lab}	52.65, -54.85, 49.94
CIE _{LCh}	53, 74.185, 137.682
Yxy	20.7295, 0.2980, 0.5800
Android (android.graphics.Color)	4279210521 (0xFF0F9219)
YUV	93.0370, -33.5422, -68.4384
Hunter-Lab	45.5297, -37.9179, 26.1937

Details

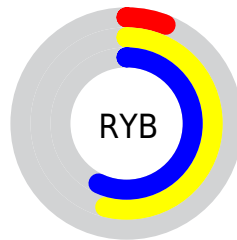
The XYZ color **10.6514, 20.7295, 4.3595** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **16.4695, 8.2306, 24.0139**, and the grayscale version is **10.4964, 11.0430, 12.0259**.

A 20% lighter version of the original color is **26.6490, 44.5766, 14.7890**, and **4.0027, 8.0054, 1.3342** is the 20% darker color. If you saturate the color by 10%, you get **10.3478, 20.5865, 3.7608**, and if you desaturate by 10%, it is **11.1611, 20.9718, 5.3353**.

Distribution



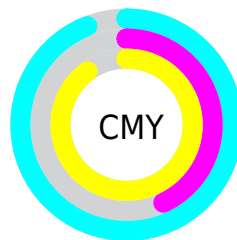
- Red (6%)
- Green (57%)
- Blue (10%)



- Red (6%)
- Yellow (54%)
- Blue (57%)



- Cyan (90%)
- Magenta (0%)
- Yellow (83%)
- Black (43%)





- Cyan (94%)
- Magenta (43%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.6514, 20.7295, 4.3595 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 10.6514, 20.7295, 4.3595 by changing the saturation by 10% instead.


 10.6514, 20.7295,
4.3595


 10.6514, 20.7295,
4.3595


189.2182,
255.8374, 152.1411


 5.8985, 12.9264,
1.8246


 26.6524, 44.6369,
14.8307


 2.8235, 7.3779,
0.4441


 38.6313, 61.5100,
23.6041


 1.0611, 3.6995,
0.0000

 53.7494, 82.1753,
35.2941

 0.0000, 1.5069,
0.0000

 72.3724, 107.0171,
50.3191


 0.0000, 0.2936,
0.0000


 94.8653, 136.4198,
69.0978


 0.0000, 0.0000,
0.0000


 121.5937,


170.7678, 92.0487


 152.9229,
210.4456, 119.5903


 10.6514, 20.7295,
4.3595


 10.6514, 20.7295,
4.3595


 10.3478, 20.5865,
3.7608

 11.1611, 20.9718,
5.3353

 10.3405, 20.5831,
3.7490

 11.9461, 21.3463,
6.7367

 13.0390, 21.8695,
8.6056

 14.4672, 22.5547,
10.9782

 16.2552, 23.4139,
13.8875

■ 18.4251, 24.4578,
17.3634

■ 20.9974, 25.6965,
21.4338

■ 23.9909, 27.1390,
26.1246

■ 27.4235, 28.7940,
31.4603

Harmonies

Analogous

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



15.5360, 20.7295, 1.4758



10.6514, 20.7295, 4.3595



8.4819, 20.7295, 14.6737

Triad

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



10.6514, 20.7295, 4.3595



16.7075, 20.7295, 94.6020



37.4618, 20.7295, 11.9790

Complementary

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



10.6514, 20.7295, 4.3595



16.4695, 8.2306, 24.0139

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.



38.0153, 20.7295, 32.8892



10.6514, 20.7295, 4.3595



24.5550, 20.7295, 91.9549

Square

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



10.6514, 20.7295, 4.3595



11.3155, 20.7295, 70.7396



32.8163, 20.7295, 64.8941



31.4577, 20.7295, 3.4869

Rectangle

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



10.6514, 20.7295, 4.3595



8.3638, 20.7295, 28.7324



32.8163, 20.7295, 64.8941



38.3388, 20.7295, 17.3600

Sweetspot

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



10.6519, 20.7304, 4.3600



33.4287, 43.5905, 32.1018



20.7263, 25.9342, 4.3655



7.1556, 9.5619, 6.6946



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



10.6519, 20.7304, 4.3600



18.2152, 36.2991, 6.4764



12.2895, 21.3854, 12.9835



5.7465, 6.4752, 6.2760



9.1031, 18.1140, 3.3186



0.1150, 0.2231, 0.0594

Inverse Universe

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



16.4695, 8.2306, 24.0139



28.5806, 13.8480, 41.3615



13.1876, 6.9179, 6.7319



6.0164, 5.9016, 7.1926



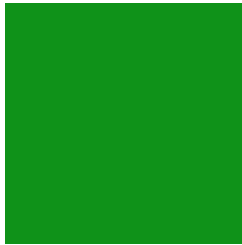
14.2747, 6.9149, 20.7252



0.1793, 0.0865, 0.2778

Previews

White Background



This preview shows how the XYZ color 10.6514, 20.7295, 4.3595 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



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 10.6514, 20.7295, 4.3595

Background



This preview shows how black text looks on a background with the XYZ color 10.6514, 20.7295, 4.3595.



This preview shows how white text looks on a background with the XYZ color 10.6514, 20.7295,

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

10.6514, 20.7295, 4.3595

Protanopia

18.4357, 20.3770, 3.5776

Deuteranopia

20.6733, 20.4081, 4.7690



Tritanopia

16.0572, 20.7390, 30.7605

Trichromacy



Original Color

10.6514, 20.7295, 4.3595



Protanomaly

13.2422, 19.2621, 3.7295



Deuteranomaly

13.9647, 18.8193, 4.4098



Tritanomaly

12.9085, 20.2933, 16.0686

Monochromacy



Original Color

10.6514, 20.7295, 4.3595



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.0175, 13.1295, 7.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6514, 20.7295, 4.3595 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(15, 146, 25)` looks like.

```
.text, #text, p{  
    color:rgb(15, 146, 25)  
}
```

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(15, 146, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 146, 25) }
```

Border

The CSS property to change the border of an element to XYZ 10.6514, 20.7295, 4.3595 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(15, 146, 25) }
```


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

```
.border{ border-color:rgb(15, 146, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 146, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 146, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 146, 25);  
box-shadow:4px 4px 4px 4px rgb(15, 146,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6514, 20.7295, 4.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 146, 25) }
```

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

```
.background{ background-color: rgb(15, 146,  
25) }
```

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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